

## Eukaryotic translation initiation factor 2 subunit 3 (EIF2S3) Recombinant Protein | EIF2S3 recombinant protein

Recombinant Human Eukaryotic translation initiation factor 2 subunit 3 (EIF2S3)

CATALOG #  
**AAA113601**

HOST  
**E Coli or Yeast or Baculovirus or Mammalian Cell**

### PRODUCT SYNONYMS

Eukaryotic translation initiation factor 2 subunit 3 (EIF2S3); Recombinant Human Eukaryotic translation initiation factor 2 subunit 3 (EIF2S3); EIF2S3 recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli or Yeast or Baculovirus or Mammalian Cell                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Purity/Purification     | Greater or equal to 85% purity as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Form/Format             | Lyophilized or liquid (Format to be determined during the manufacturing process)                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Sequence Positions      | 2-472, Full length protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Sequence                | AGGEAGVTLG QPHLSRQDLT TLDVTKLTPL SHEVISRQAT INIGTIGHVA HGKSTVVKAI SGVHTVRFKN ELERNITIKL GYANAKIYKL DDPSCPRPEC YRSCGSSTPD EFPTDIPGTK GNFKLVRHVS FVDCPGHDIL MATMLNGAAV MDAALLIAG NESCPQPQTS EHLAAIEIMK LKHILILQNK IDLVKESQAK EQYEQILAFV QGTVAEGAPI IPISAQLKYN IEVVCEYIVK KIPVPPRDFT SEPRLIVIRS FVDNKPGEV DDLKGGVAGG SILKGVLVKG QEIEVRPGIV SKDSEGKLMC KPIFSKIVSL FAEHNDLQYA APGGIGVGT KIDPTLCRAD RMVGQVLGAV GALPEIFTEL EISYFLLRRL LGVRTEGDKK AAKVQKLSKN EVLMVNIGSL STGGRVSAVK ADLGKIVLTN PVCTEVGEKI ALSRRVEKHW RLIGWGQIRR GVTIKPTVDD D |
| Sequence Length         | 471                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Preparation and Storage | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.                                                                                                                                                                                                                                                                                                                                 |

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">4503507</a>                                                                                                                                 |
| NCBI GeneID                      | <a href="#">1968</a>                                                                                                                                    |
| NCBI Accession #                 | <a href="#">NP_001406.1</a>                                                                                                                             |
| NCBI GenBank Nucleotide #        | <a href="#">NM_001415.3</a>                                                                                                                             |
| UniProt Accession #              | <a href="#">P41091</a> ; <a href="#">Q53HK3</a> ; <a href="#">A0A024RBY4</a> ; <a href="#">A8K2Y2</a> ; <a href="#">B2R5N2</a> ; <a href="#">B5BTZ4</a> |
| Molecular Weight                 | 51,109 Da                                                                                                                                               |
| NCBI Official Full Name          | eukaryotic translation initiation factor 2 subunit 3                                                                                                    |
| NCBI Official Synonym Full Names | eukaryotic translation initiation factor 2 subunit gamma                                                                                                |
| NCBI Official Symbol             | EIF2S3                                                                                                                                                  |
| NCBI Official Synonym Symbols    | EIF2; EIF2G; MEHMO; MRXSBRK; eIF-2gA; EIF2gamma                                                                                                         |
| NCBI Protein Information         | eukaryotic translation initiation factor 2 subunit 3                                                                                                    |

|                            |                                                      |
|----------------------------|------------------------------------------------------|
| UniProt Protein Name       | Eukaryotic translation initiation factor 2 subunit 3 |
| UniProt Gene Name          | EIF2S3                                               |
| UniProt Synonym Gene Names | EIF2G; eIF-2-gamma X; eIF-2gX                        |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/eif2s3-recombinant-protein-e-coli/113601>