

## S-adenosylmethionine synthase (Sam-S) Recombinant Protein | Sam-S recombinant protein

Recombinant Drosophila melanogaster S-adenosylmethionine synthase (Sam-S)

|                               |                                                                 |
|-------------------------------|-----------------------------------------------------------------|
| CATALOG #<br><b>AAA115697</b> | HOST<br><b>E Coli or Yeast or Baculovirus or Mammalian Cell</b> |
|-------------------------------|-----------------------------------------------------------------|

### PRODUCT SYNONYMS

S-adenosylmethionine synthase (Sam-S); Recombinant Drosophila melanogaster S-adenosylmethionine synthase (Sam-S); Sam-S 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      | 1-408aa; Full Length                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Sequence                | MPQKTNGHSA NGCNGSNGNS YDMEDGATFL FTSESVGEGH PDKMCDQISD AILDAHLKQD PNAKVACETV<br>AKTGMILLCG EITSKAVVDY QKVVRETVQH IGYDDSSKGF DFKTCNVLLA LDQQSPEIAA GVHVNRAEEE<br>IGAGDQGIMF GYATDETEEC MPLTVVLAHK LNEKIAELRR SDVFWWARPDP SKTQVTCEYL FNQGSAPVKR<br>VHTIVVSMQH SEKISLETLR SEVMEKVVKV VIPAKYIDAN TIVHINPCGL FVIGGPMGDA GLTGRKIIVD<br>TYGGWGAHGG GAFSGKDFTK VDRSAAYAAR WVAKSLVKAG LCKRCLVQVS YAIGLAEPLS ITVFDYGTSH<br>KSQKELLDII RRNFDLRPGK IVKDLNLRQP IYQRTSTYGH FGRAGFSWEE AKPLEIDN |
| Species                 | Drosophila melanogaster (Fruit fly)                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 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="#">24580525</a>                                                                                                                            |
| NCBI GeneID                      | <a href="#">48552</a>                                                                                                                               |
| NCBI Accession #                 | <a href="#">NP_524923.1</a>                                                                                                                         |
| NCBI GenBank Nucleotide #        | <a href="#">NM_080184.2</a>                                                                                                                         |
| UniProt Accession #              | <a href="#">P40320</a> ; <a href="#">Q0E8V3</a> ; <a href="#">Q9VPJ2</a> ; <a href="#">Q9VPJ3</a> ; <a href="#">Q9VPJ4</a> ; <a href="#">Q9VPJ5</a> |
| Molecular Weight                 | 42,196 Da                                                                                                                                           |
| NCBI Official Full Name          | S-adenosylmethionine synthetase, isoform C                                                                                                          |
| NCBI Official Synonym Full Names | S-adenosylmethionine Synthetase                                                                                                                     |
| NCBI Official Symbol             | Sam-S                                                                                                                                               |
| NCBI Official Synonym Symbols    | CG2674; DmelCG2674; M(2)21A-B; m(2)21ab; M(2)21AB; METK; Sams; SamS; Su(z)5                                                                         |
| NCBI Protein Information         | CG2674 gene product from transcript CG2674-RE                                                                                                       |
| UniProt Protein Name             | S-adenosylmethionine synthase                                                                                                                       |
| UniProt Gene Name                | <b>Sam-S</b>                                                                                                                                        |

**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/sam-s-recombinant-protein-e-coli/115697>