RPS7 recombinant protein

RPS7, 1-194aa, Human, His tag, E Coli

CATALOG #	HOST	APPLICATIONS
AAA11814	**E Coli**	**SDS-Page**

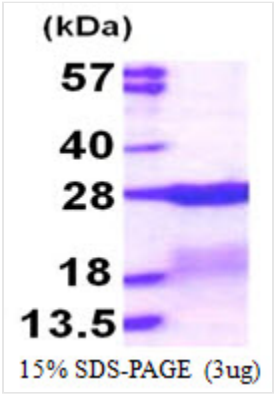
PRODUCT SYNONYMS

RPS7; 1-194aa; Human; His tag; E Coli; 40S ribosomal protein S7; DBA8; S7; RPS7 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 0.1M NaCl, 30% glycerol, 1mM DTT
Concentration	0.5 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMFSSSA KIVKPNGEKP DEFESGISQA LLELEMNSDL KAQLRELNIT AAKEIEVGGG RKAIIIFVPV PQLKSFQKIQ VRLVRELEKK FSGKHVVFIA QRRILPKPTR KSRTKNKQKR PRSRTLTAVH DAILEDLVFP SEIVGKRIRV KLDGSRLIKV HLDKAQQNNV EHKVETFSGV YKKLTGKDVN FEFPEFQL
Sequence Length	194
Applicable Applications for RPS7 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 2 degrees C to 8 degrees C for 1 week. For long term storage, aliquot and store at -20 degree C or -80 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE
3 ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

ADDITIONAL INFORMATION

Related Product Information for RPS7 recombinant protein	RPS7 belongs to the S3P family of ribosomal proteins and is located in the cytoplasm. RPS7 may play a role in ribosomal stress, linking ribosome biogenesis to cell death or cell cycle arrest. Also, RPS7 interacts with MDM2 and is believed to negatively regulate the MDM2-mediated degradation of p53. Recombinant human RPS7 protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for RPS7 recombinant protein	Signal Transduction
References	Malygin AA., et al. (2000) Buichim Biophys Acta. 1494:213-216.; Hosaka H., et al. (2001) J Biochem. 130:695-701.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506741
NCBI GeneID	6201
NCBI Accession #	NP_001002
NCBI GenBank Nucleotide #	NM_001011.3
UniProt Accession #	P62081; P23821; P24818; Q57Z92; Q6IPH1
Molecular Weight	24.7 kDa (218aa), confirmed by MALDI-TOF
NCBI Official Full Name	40S ribosomal protein S7
NCBI Official Synonym Full Names	ribosomal protein S7
NCBI Official Symbol	RPS7
NCBI Official Synonym Symbols	S7; DBA8
NCBI Protein Information	40S ribosomal protein S7
UniProt Protein Name	40S ribosomal protein S7
UniProt Gene Name	**RPS7**

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/rps7-recombinant-protein-e-coli-sds-page/11814