

RPLP2 recombinant protein

RPLP2, 1-115aa, Human, His tag, E Coli

CATALOG # AAA48713	HOST E Coli	APPLICATIONS SDS-Page
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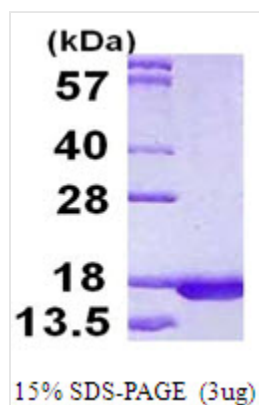
PRODUCT SYNONYMS

RPLP2; 1-115aa; Human; His tag; E Coli; 60S acidic ribosomal protein P2; LP2; P2; RPP2; RPLP2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MGSHMRYVAS YLLAALGGNS SPSAKDIKKI LDSVGIEADD DRLNKVISEL NGKNIEDVIA QGIGKLASVP AGGAVAVSAA PGSAAPAAGS APAAAEKKD EKKEESEESD DDMGFGLFD
Sequence Length	115
Applicable Applications for RPLP2 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Domain	1-115aa
Preparation and Storage	Store at 2-8°C. For long term storage, aliquot and store at -20°C or -70°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 RPLP2 recombinant protein	60S acidic ribosomal protein P2, also known as RPLP2, belongs to the L12P family of ribosomal proteins. This gene encodes a ribosomal phosphoprotein that is a component of the 60S subunit. It is a functional equivalent of the E. coli L7/L12 ribosomal protein. RPLP2 is located in the cytoplasm. It plays an important role in the elongation step of protein synthesis. Unlike most ribosomal proteins, which are basic, the encoded protein is acidic. Recombinant human RPLP2 protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for RPLP2 recombinant protein	Cancer
References	Gardner Thorpe J., et al. (2003) Anticancer Res. 23:4549.; Rich BE., et al. (1987) Mol Cell Biol. 7 (11):4065-74.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506671
NCBI GeneID	6181
NCBI Accession #	NP_000995
NCBI GenBank Nucleotide #	NM_001004.3
UniProt Accession #	P05387; Q6FG96
Molecular Weight	14.2 kDa (139aa) confirmed by MALDI-TOF
NCBI Official Full Name	60S acidic ribosomal protein P2
NCBI Official Synonym Full Names	ribosomal protein lateral stalk subunit P2
NCBI Official Symbol	RPLP2
NCBI Official Synonym Symbols	P2; LP2; RPP2; D11S2243E
NCBI Protein Information	60S acidic ribosomal protein P2
UniProt Protein Name	60S acidic ribosomal protein P2
UniProt Gene Name	RPLP2
UniProt Synonym Gene Names	D11S2243E; RPP2

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://stage.aaabiotech.com/rplp2-recombinant-protein-e-coli-sds-page/48713>