

Recombinant Human RPLP1 protein (His,GST tag)

Catalog Number:PDEH100338



Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Synonyms	60S acidic ribosomal protein P1;RPLP1;Large ribosomal subunit protein P1;RRP1
Species	Human
Expression Host	E.coli
Sequence	Met 1-Asp 114
Accession	P05386
Calculated Molecular Weight	37.4 kDa
Observed molecular weight	58 kDa
Tag	N-GST & C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Background

RPLP1 (ribosomal protein large P1) is part of the 60S ribosomal subunit and functions in regulating elongation translation factors, and its expression is regulated by the estrogen target gene, c-Myc. RPLP1 has two alternatively spliced transcript variants that encode different proteins, with variant 1 coding for a protein of ~12-kDa molecular weight and variant 2 coding for an ~8.4-kDa protein, and the variant 1-transcribed protein appears as the major isoform. RPLP1 is proposed to play a role in diseases associated with cell proliferation and cell survival.

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