

60S acidic ribosomal protein P0 Recombinant Protein | RPLP0 recombinant protein

Recombinant Human 60S acidic ribosomal protein P0

CATALOG # AAA113182	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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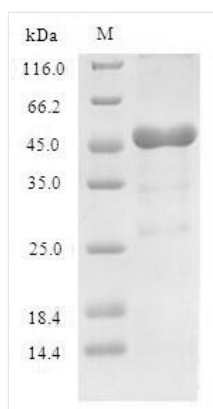
PRODUCT SYNONYMS

60S acidic ribosomal protein P0; Recombinant Human 60S acidic ribosomal protein P0; 60S ribosomal protein L10E; RPLP0 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	1-317aa; Full Length
Sequence	MPREDRATWK SNYFLKIIQL LDDYPKCFIV GADNVGSKQM QQIRMSLRGK AVVLMGKNTM MRKAIRGHLE NNPALEKLLP HIRGNVGFVF TKEDLTEIRD MLLANKVPAA ARAGAIAPCE VTVAQNTGL GPEKTSFFQA LGITTKISRG TIEILSDVQL IKTGDKVGAS EATLLNMLNI SPFSFGLVIQ QVFDNGSIYN PEVLDITEET LHSRFLEGVR NVASVCLQIG YPTVASVPHS IINGYKRVLA LSVETDYTFP LAEKVKAFLA DPSAFVAAAP VAAATTAAPA AAAAPAKVEA KEESEESDED MGFGFLFD
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for RPLP0 recombinant protein	Ribosomal protein P0 is the functional equivalent of E Coli protein L10.
Product Categories/Family for RPLP0 recombinant protein	Epigenetics and Nuclear Signaling

References

Human acidic ribosomal phosphoproteins P0, P1, and P2 analysis of cDNA clones, in vitro synthesis, and assembly.Rich B.E., Steitz J.A.Mol. Cell. Biol. 7:4065-4074(1987) The finished DNA sequence of human chromosome 12.Scherer S.E., Muzny D.M., Buhay C.J., Chen R., Cree A., Ding Y., Dugan-Rocha S., Gill R., Gunaratne P., Harris R.A., Hawes A.C., Hernandez J., Hodgson A.V., Hume J., Jackson A., Khan Z.M., Kovar-Smith C., Lewis L.R., Lozado R.J., Metzker M.L., Milosavljevic A., Miner G.R., Montgomery K.T., Morgan M.B., Nazareth L.V., Scott G., Sodergren E., Song X.-Z., Steffen D., Lovering R.C., Wheeler D.A., Worley K.C., Yuan Y., Zhang Z., Adams C.Q., Ansari-Lari M.A., Ayele M., Brown M.J., Chen G., Chen Z., Clerc-Blankenburg K.P., Davis C., Delgado O., Dinh H.H., Draper H., Gonzalez-Garay M.L., Havlak P., Jackson L.R., Jacob L.S., Kelly S.H., Li L., Li Z., Liu J., Liu W., Lu J., Maheshwari M., Nguyen B.-V., Okwuonu G.O., Pasternak S., Perez L.M., Plopper F.J.H., Santibanez J., Shen H., Tabor P.E., Verduzco D., Waldron L., Wang Q., Williams G.A., Zhang J., Zhou J., Allen C.C., Amin A.G., Anyalebechi V., Bailey M., Barbaria J.A., Bimage K.E., Bryant N.P., Burch P.E., Burkett C.E., Burrell K.L., Calderon E., Cardenas V., Carter K., Casias K., Cavazos I., Cavazos S.R., Ceasar H., Chacko J., Chan S.N., Chavez D., Christopoulos C., Chu J., Cockrell R., Cox C.D., Dang M., Dathorne S.R., David R., Davis C.M., Davy-Carroll L., Deshazo D.R., Donlin J.E., D'Souza L., Eaves K.A., Egan A., Emery-Cohen A.J., Escotto M., Flagg N., Forbes L.D., Gabisi A.M., Garza M., Hamilton C., Henderson N., Hernandez O., Hines S., Hogues M.E., Huang M., Idlebird D.G., Johnson R., Jolivet A., Jones S., Kagan R., King L.M., Leal B., Lebow H., Lee S., LeVan J.M., Lewis L.C., London P., Lorensuhewa L.M., Loulseged H., Lovett D.A., Lucier A., Lucier R.L., Ma J., Madu R.C., Mapua P., Martindale A.D., Martinez E., Massey E., Mawhiney S., Meador M.G., Mendez S., Mercado C., Mercado I.C., Merritt C.E., Miner Z.L., Minja E., Mitchell T., Mohabbat F., Mohabbat K., Montgomery B., Moore N., Morris S., Munidasa M., Ngo R.N., Nguyen N.B., Nickerson E., Nwaokelemeh O.O., Nwokenkwo S., Obregon M., Oguh M., Oragunye N., Oviedo R.J., Parish B.J., Parker D.N., Parrish J., Parks K.L., Paul H.A., Payton B.A., Perez A., Perrin W., Pickens A., Primus E.L., Pu L.-L., Puazo M., Quiles M.M., Quiroz J.B., Rabata D., Reeves K., Ruiz S.J., Shao H., Sisson I., Sonaike T., Sorelle R.P., Sutton A.E., Svatek A.F., Svetz L.A., Tamerisa K.S., Taylor T.R., Teague B., Thomas N., Thorn R.D., Trejos Z.Y., Trevino B.K., Ukegbu O.N., Urban J.B., Vasquez L.I., Vera V.A., Villasana D.M., Wang L., Ward-Moore S., Warren J.T., Wei X., White F., Williamson A.L., Wleczyk R., Wooden H.S., Wooden S.H., Yen J., Yoon L., Yoon V., Zorrilla S.E., Nelson D., Kucherlapati R., Weinstock G., Gibbs R.A.Nature 440:346-351(2006) Lubec G., Chen W.-Q., Sun Y.Submitted (DEC-2008) to UniProtKB A map of 75 human ribosomal protein genes.Kenmochi N., Kawaguchi T., Rozen S., Davis E., Goodman N., Hudson T.J., Tanaka T., Page D.C.Genome Res. 8:509-523(1998) Molecular composition of IMP1 ribonucleoprotein granules.Joeson L., Vikesaa J., Krogh A., Nielsen L.K., Hansen T., Borup R., Johnsen A.H., Christiansen J., Nielsen F.C.Mol. Cell. Proteomics 6:798-811(2007) APE1/Ref-1 interacts with NPM1 within nucleoli and plays a role in the rRNA quality control process.Vascotto C., Fantini D., Romanello M., Cesaratto L., Deganuto M., Leonardi A., Radicella J.P., Kelley M.R., D'Ambrosio C., Scaloni A., Quadrioglio F., Tell G.Mol. Cell. Biol. 29:1834-1854(2009) Large-scale proteomics analysis of the human kinome.Oppermann F.S., Gnad F., Olsen J.V., Hornberger R., Greff Z., Keri G., Mann M., Daub H.Mol. Cell. Proteomics 8:1751-1764(2009) Quantitative phosphoproteomics reveals widespread full phosphorylation site occupancy during mitosis.Olsen J.V., Vermeulen M., Santamaria A., Kumar C., Miller M.L., Jensen L.J., Gnad F., Cox J., Jensen T.S., Nigg E.A., Brunak S., Mann M.Sci. Signal. 3:RA3-RA3(2010) Initial characterization of the human central proteome.Burkard T.R., Planyavsky M., Kaupe I., Breitwieser F.P., Buerckstuemmer T., Bennett K.L., Superti-Furga G., Colinge J.BMC Syst. Biol. 5:17-17(2011) Structures of the human and Drosophila 80S ribosome.Anger A.M., Armache J.P., Berninghausen O., Habeck M., Subklewe M., Wilson D.N., Beckmann R.Nature 497:80-85(2013)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506667
NCBI GeneID	6175
NCBI Accession #	NP_000993.1
NCBI GenBank Nucleotide #	NM_001002.3
UniProt Accession #	P05388; Q3B7A4; Q9BVK4
Molecular Weight	36.3 kDa
NCBI Official Full Name	60S acidic ribosomal protein P0
NCBI Official Synonym Full Names	ribosomal protein, large, P0
NCBI Official Symbol	RPLP0
NCBI Official Synonym Symbols	P0; LP0; L10E; RPP0; PRLP0
NCBI Protein Information	60S acidic ribosomal protein P0

UniProt Protein Name	60S acidic ribosomal protein P0
UniProt Gene Name	RPLP0
UniProt Entry Name	RLA0_HUMAN

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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