

Thrombopoietin Recombinant Protein | MPL recombinant protein

Recombinant Human Thrombopoietin receptor

CATALOG # AAA113744	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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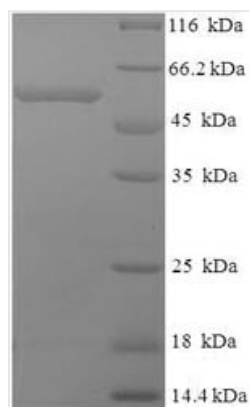
PRODUCT SYNONYMS

Thrombopoietin; Recombinant Human Thrombopoietin receptor; Myeloproliferative leukemia protein; Proto-oncogene c-Mpl; CD110; MPL 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	26-491aa; Extracellular Domain
Sequence	QDVSLLASDS EPLKCFSTRF EDLTCFWDEE EAAPSGTYQL LYAYPREKPR ACPLSSQSMP HFGTRYVCQF PDQEEVRLFF PLHLWVKNVF LNQTRTQRVL FVDSVGLPAP PSIIKAMGGS QPGELQISWE EPAPEISDFL RYELRYGPRD PKNSTGPTVI QLIATETCCP ALQRPHSASA LDQSPCAQPT MPWQDGPKQT SPSREASALT AEGGSCGISG LQPGNSYWLQ LRSEPDGSL GGSWGSWSLP VTVDLPDGA V ALGLQCFTLD LKNVTCQWQQ QDHASSQGFF YHSRARCCPR DRYPIWENCE EEEKTNPGLQ TPQFSRCHF K SRNDSIIHIL VEVTTAPGTV HSYLGSPFWI HQAVRLPTPN LHWREISSGH LELEWQHPSS WAAQETCYQL RYTGEQH QDW K VLEPPLGAR GGTLELRPRS RYRLQLRRL NGPTYQGPWS SWSDPTRVET ATETAW
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
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 MPL recombinant protein	Receptor for thrombopoietin. May represent a regulatory molecule specific for TPO-R-dependent immune responses.
Product Categories/Family for MPL recombinant protein	Immunology
References	Molecular cloning and characterization of MPL, the human homolog of the v-mpl oncogene identification of a member of the hematopoietic growth factor receptor superfamily.Vigon I., Mornon J.-P., Cocault L., Mitjavila M.-T., Tambourin P., Gisselbrecht S., Souyri M.Proc. Natl. Acad. Sci. U.S.A. 89:5640-5644(1992) Structure and transcription of the human c-mpl gene (MPL) .Mignotte V., Vigon I., Boucher de Crevecoeur E., Romeo P.-H., Lemarchandel V., Chretien S.Genomics 20:5-12(1994) The DNA sequence and biological annotation of human chromosome 1.Gregory S.G., Barlow K.F., McLay K.E., Kaul R., Swarbreck D., Dunham A., Scott C.E., Howe K.L., Woodfine K., Spencer C.C.A., Jones M.C., Gillson C., Searle S., Zhou Y., Kokocinski F., McDonald L., Evans R., Phillips K., Atkinson A., Cooper R., Jones C., Hall R.E., Andrews T.D., Lloyd C., Ainscough R., Almeida J.P., Ambrose K.D., Anderson F., Andrew R.W., Ashwell R.I.S., Aubin K., Babbage A.K., Bagguley C.L., Bailey J., Beasley H., Bethel G., Bird C.P., Bray-Allen S., Brown J.Y., Brown A.J., Buckley D., Burton J., Bye J., Carder C., Chapman J.C., Clark S.Y., Clarke G., Clee C., Cobley V., Collier R.E., Corby N., Coville G.J., Davies J., Deadman R., Dunn M., Earthrowl M., Ellington A.G., Errington H., Frankish A., Frankland J., French L., Garner P., Garnett J., Gay L., Ghorl M.R.J., Gibson R., Gilby L.M., Gillett W., Glithero R.J., Grafham D.V., Griffiths C., Griffiths-Jones S., Grocock R., Hammond S., Harrison E.S.I., Hart E., Haugen E., Heath P.D., Holmes S., Holt K., Howden P.J., Hunt A.R., Hunt S.E., Hunter G., Isherwood J., James R., Johnson C., Johnson D., Joy A., Kay M., Kershaw J.K., Kibukawa M., Kimberley A.M., King A., Knights A.J., Lad H., Laird G., Lawlor S., Leongamornlert D.A., Lloyd D.M., Loveland J., Lovell J., Lush M.J., Lyne R., Martin S., Mashreghi-Mohammadi M., Matthews L., Matthews N.S.W., McLaren S., Milne S., Mistry S., Moore M.J.F., Nickerson T., O'Dell C.N., Oliver K., Palmeiri A., Palmer S.A., Parker A., Patel D., Pearce A.V., Peck A.I., Pelan S., Phelps K., Phillimore B.J., Plumb R., Rajan J., Raymond C., Rouse G., Saenphimmachak C., Sehra H.K., Sheridan E., Shownkeen R., Sims S., Skuce C.D., Smith M., Steward C., Subramanian S., Sycamore N., Tracey A., Tromans A., Van Helmond Z., Wall M., Wallis J.M., White S., Whitehead S.L., Wilkinson J.E., Willey D.L., Williams H., Wilming L., Wray P.W., Wu Z., Coulson A., Vaudin M., Sulston J.E., Durbin R.M., Hubbard T., Wooster R., Dunham I., Carter N.P., McVean G., Ross M.T., Harrow J., Olson M.V., Beck S., Rogers J., Bentley D.R.Nature 441:315-321(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885491
NCBI GeneID	4352
NCBI Accession #	NP_005364.1
NCBI GenBank Nucleotide #	NM_005373.2
UniProt Accession #	P40238; Q5JUZO
Molecular Weight	54.5 kDa
NCBI Official Full Name	thrombopoietin receptor
NCBI Official Synonym Full Names	MPL proto-oncogene, thrombopoietin receptor
NCBI Official Symbol	MPL
NCBI Official Synonym Symbols	MPLV; TPOR; C-MPL; CD110; THCYT2
NCBI Protein Information	thrombopoietin receptor
UniProt Protein Name	Thrombopoietin receptor
UniProt Gene Name	MPL
UniProt Synonym Gene Names	TPOR; TPO-R
UniProt Entry Name	TPOR_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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Online datasheet: <https://www.aaabiotech.com/mpl-recombinant-protein-e-coli/113744>