

Tolloid Like Protein 1 (TLL1) Recombinant Protein | TLL1 recombinant protein

Recombinant Tolloid Like Protein 1 (TLL1)

CATALOG # AAA150772	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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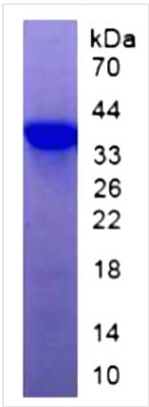
PRODUCT SYNONYMS

Tolloid Like Protein 1 (TLL1); Recombinant Tolloid Like Protein 1 (TLL1); Tolloid Like Protein 1; TLL1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 90%
Form/Format	Freeze-dried powder; PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Concentration	Original Concentration: 2500ug/mL (varies by lot)
Applicable Applications for TLL1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Asp730-Ile1003
Tags	N-terminal His Tag
Subcellular Location	Secreted
Predicted isoelectric point	4.9
Phenomenon explanation	The possible reasons that the actual band size differs from the predicted are as follows: 1.Splice variants: Alternative splicing may create different sized proteins from the same gene. 2. Relative charge: The composition of amino acids may affects the charge of the protein. 3. Post-translational modification: Phosphorylation, glycosylation, methylation etc. 4. Post-translation cleavage: Many proteins are synthesized as pro-proteins, and then cleaved to give the active form. 5. Polymerization of the target protein: Dimerization, multimerization etc
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Sequence

D KDECKRNGG CQNECVNTNG SYNQQRNGP VLNDNNDCK EACEQRNHS PSLITSPNA PDKYPSRKEC
TWESATPGH RIKLAFSEFE IEQHQECAYD HLEVTEGETE KSPILGLCG NKIPDPVAT GNNFVRVYS DASVQRKGFQ
ATHSTECGR LKAESKPRDL YSHAQFGDNN YPGQVDCIHL LVSEGRSLR LSFQTFVEVE EADCCYDVEE LFDGLDSTAV
GLRFGCGSP PEETYSIGDS VLIHPHTDOT INKKGPHRY KSI

SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for TLL1 recombinant protein	Hematology; Recombinant proteins/RP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	22547221
NCBI GeneID	7092
NCBI Accession #	NP_036596.3
NCBI GenBank Nucleotide #	NM_012464.4
UniProt Accession #	O43897; Q96AN3; Q9NQS4; B2RMU2
Molecular Weight	Predicted Molecular Mass: 34.6kDa Accurate Molecular Mass: 39kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	tolloid-like protein 1 isoform 1
NCBI Official Synonym Full Names	tolloid-like 1
NCBI Official Symbol	TLL1
NCBI Official Synonym Symbols	TLL; ASD6
NCBI Protein Information	tolloid-like protein 1
UniProt Protein Name	Tolloid-like protein 1
UniProt Gene Name	TLL1
UniProt Synonym Gene Names	TLL
UniProt Entry Name	TLL1_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.