

Recombinant Human TRO protein, His & T7-tagged

Cat. No. TRO-8087H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TRO aa. (Leu444~Ala642 (Accession # Q12816)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Leu444~Ala642
Description	This gene encodes a membrane protein that mediates cell adhesion between trophoblastic cells and the epithelial cells of the endometrium. The encoded protein participates in cell signalling during embryo implantation, and may also be involved in cancer formation. This gene is located near several other closely related genes on chromosome X. Alternative splicing results in multiple transcript variants.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.1kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.5.

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Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH ₂ O.
GENE INFORMATION	
Gene Name	TRO trophinin [Homo sapiens (human)]
Official Symbol	TRO
Synonyms	MAGED3; MAGE-d3; MAGE superfamily protein; MAGE-D3 antigen; magphinin; melanoma antigen, family D, 3; trophinin
Gene ID	7216
mRNA Refseq	NM_001039705.2
Protein Refseq	NP_001034794.1

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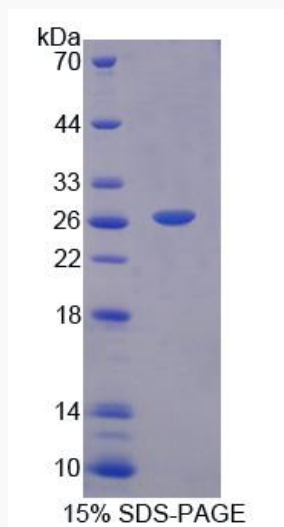
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UniProt ID

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SDS-PAGE

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