

DR3/TNFRSF25 active protein

Recombinant human DR3/TNFRSF25 protein

CATALOG # AAA48394	HOST Baculovirus	APPLICATIONS SDS-Page
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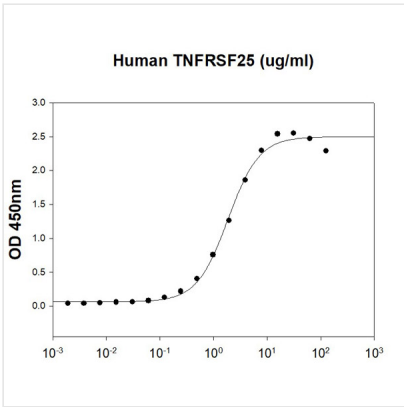
PRODUCT SYNONYMS

DR3/TNFRSF25; Recombinant human DR3/TNFRSF25 protein; Tumor necrosis factor receptor superfamily member 25; TNFRSF25; APO-3; DDR3; DR3; LARD; TNFRSF12; TRAMP; Apo-3; Apo3; Apoptosis inducing receptor AIR; Apoptosis mediating receptor DR 3; Death domain receptor 3; Death receptor 3; Lymphocyte associated receptor of death; Protein WSL; Protein WSL-1; Tumor necrosis factor receptor superfamily member 25 isoform 2; DR3/TNFRSF25 active protein

PRODUCT SPECIFICATIONS

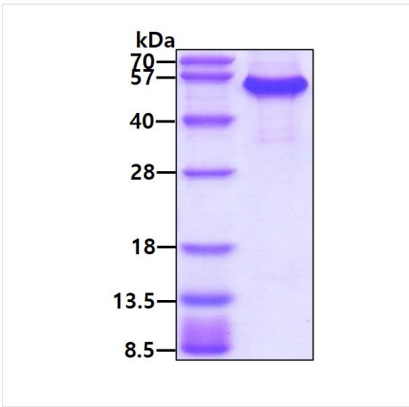
Host	Baculovirus
Purity/Purification	>95% by SDS-PAGE
Form/Format	Liquid. In Phosphate-Buffered Saline (pH7.4) containing 10% glycerol
Concentration	0.25mg/ml (determined by absorbance at 280nm) (varies by lot)
Sequence Positions	25-199aa
Sequence	QGGTR SPRCDCAGDF HKKIGLFCCR GCPAGHYLKA PCTEPCGNST CLVCPQDTFL AWENHHNSEC ARCQACDEQA SQVALENCSA VADTRCGCKP GWFVECQVSQ CVSSSPFYCQ PCLDCGALHR HTRLLCSRRD TDCGTCLPGF YEHDGDCVSC PTSTLGSCPE RCAAVCGRWQ
Applicable Applications for DR3/TNFRSF25 active protein	Bioactivity, SDS-PAGE
Endotoxin	<1 EU per 1ug of protein (determined by LAL method)
Species	Human
Tag	hIgG-His-Tag
Predicted N-term	Ala
Bioactivity	Measured by its binding ability in a functional ELISA with Human TL1A/TNFSF15. The ED50 range <= 5ug/ml.
Preparation and Storage	Can be stored at +2C to +8 degree C for 1 week. For long term storage, aliquot and store at -20C to -80 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



Bioactivity

Human TL1A/TNFSF15 (CAT# ATGP1049) is coated at 10 ug/ml (100 ul/well) can bind Human DR3/TNFRSF25. The ED50 range



SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain

ADDITIONAL INFORMATION

Related Product Information for DR3/TNFRSF25 active protein	TNFRSF25, also known as Tumor necrosis factor receptor superfamily member 25, is a member of the TNF receptor superfamily that binds to the TNF-like protein TL1A. TNFRSF25 signals are required to exert T helper cell 2 effector function in Th2-polarized CD4 cells and co-stimulate interleukin-13 production by glycosphingolipidactivated NKT cells. Its axis is a novel immune pathway that participates in the pathogenesis of a variety of autoimmune rheumatic diseases. These molecules may be promising therapeutic targets for inflammatory arthritis. Recombinant human TNFRSF25, fused to hIgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Product Categories/Family for DR3/TNFRSF25 active protein	Apoptosis; Proteins
References	Slebioda TJ., et al. (2011) Eur J Immunol. 41:2606-2611. Fang L., et al. (2008) J Exp Medl. 205:1037-1048.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507569
NCBI GeneID	8718
NCBI Accession #	NP_003781.1
NCBI GenBank Nucleotide #	NM_003790.2
UniProt Accession #	Q93038; O00275; O00276; O00277; O00278; O00279; O00280; O14865; O14866; B1ALX2; B1ALX3; B7ZLL7
Molecular Weight	29,111 Da
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 25 isoform 2
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 25
NCBI Official Symbol	TNFRSF25
NCBI Official Synonym Symbols	DR3; TR3; DDR3; LARD; APO-3; TRAMP; WSL-1; WSL-LR; TNFRSF12
NCBI Protein Information	tumor necrosis factor receptor superfamily member 25; protein WSL-1; death receptor beta; apoptosis inducing receptor; apoptosis-inducing receptor AIR; apoptosis-mediating receptor DR3; apoptosis-mediating receptor TRAMP; death domain receptor 3 soluble f
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 25
UniProt Gene Name	TNFRSF25
UniProt Synonym Gene Names	APO3; DDR3; DR3; TNFRSF12; WSL; WSL1; LARD

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://stage.aaabiotech.com/baculovirus-active-protein/dr3-tnfrsf25/48394>