

DcR3 Active Protein | TNFRSF6B active protein

DcR3 Protein, Human, Recombinant (hFc Tag)

CATALOG #
AAA257848

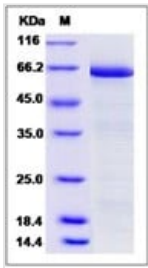
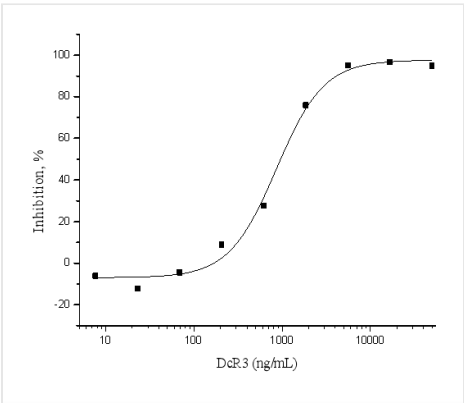
HOST
Baculovirus-Insect Cells

PRODUCT SYNONYMS

DcR3; DcR3 Protein; Human; Recombinant (hFc Tag); Human DCR3/TNFRSF6B Protein (Fc Tag); DCR3 Protein; DJ583P15.1.1 Protein; M68 Protein; M68E Protein; TNFRSF6B Protein; TR6 Protein; tumor necrosis factor receptor superfamily member 6b; TNFRSF6B active protein

PRODUCT SPECIFICATIONS

Host	Baculovirus-Insect Cells
Purity/Purification	>85% as determined by SDS-PAGE
Form/Format	Lyophilized from sterile 100mM Glycine, 10mM NaCl, pH7.0. Normally 5%-8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Sequence	Met1-His300
Species	Human
Activity	Measured by its ability to inhibit Fas Ligand induced apoptosis of Jurkat human acute T cell leukemia cells. The ED50 for this effect is typically 0.5-3ug/mL in the presence of 200ng/mL recombinant human Fas ligand.
Endotoxin	<1.0EU per ug of the protein as determined by the LAL method
Predicted N Terminal	Val 30
Tag	C-human IgG1-Fc
Protein Construction	A DNA sequence encoding the human DCR3 (O95407)(Met1-His300) was expressed with the Fc region of human IgG1 at the C-terminus.
Reconstitution	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.
Preparation and Storage	Samples are stable for up to twelve months from date of receipt at -20 degree C to -80 degree C. Store it under sterile conditions at -20 degree C to -80 degree C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice.



SDS-PAGE

Application Data

Measured by its ability to inhibit Fas Ligand induced apoptosis of Jurkat human acute T cell leukemia cells. The ED50 for this effect is typically 0.5-3 ug/mL in the presence of 200 ng/mL recombinant human Fas ligand.

ADDITIONAL INFORMATION

Related Product Information for TNFRSF6B active protein	Background: Tumor necrosis factor receptor superfamily member 6B (TNFRSF6B) also known as DcR3(Decoy Receptor 3) and M68 is the tumor necrosis factor receptor superfamily. DcR3/TNFRSF6B belongs to the tumor necrosis factor receptor superfamily. The encoded protein is postulated to play a regulatory role in suppressing FasL- and LIGHT-mediated cell death. It acts as a decoy receptor that competes with death receptors for ligand binding. Over-expression of this gene has been noted in gastrointestinal tract tumors. Read-through transcription into this gene from the neighboring upstream gene, which encodes regulator of telomere elongation helicase 1 (RTEL1), generates a non-coding transcript. DcR3/TNFRSF6B is detected in fetal lung, brain and liver. DcR3/TNFRSF6B is also detected in adult stomach, spinal cord, lymph node, trachea, spleen, colon and lung. This protein is highly expressed in several primary tumors from colon, stomach, rectum, esophagus and in SW480 colon carcinoma cells.
Product Categories/Family for TNFRSF6B active protein	Death Receptor Signaling
References	Migone TS, et al. (2002) TL1A is a TNF-like ligand for DR3 and TR6/DcR3 and functions as a T cell costimulator. Immunity. 16(3): 479-92.Takahama Y, et al. (2002) The prognostic significance of overexpression of the decoy receptor for Fas ligand (DcR3) in patients with gastric carcinomas. Gastric Cancer. 5(2): 61-8.Zhang J, et al. (2001) Modulation of T-cell responses to alloantigens by TR6/DcR3. J Clin Invest. 107(11): 1459-68.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507585
NCBI GeneID	8771
NCBI Accession #	NP_003814.1
NCBI GenBank Nucleotide #	NM_003823.3
UniProt Accession #	O95407
Molecular Weight	32,680 Da
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 6B
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 6b, decoy
NCBI Official Symbol	TNFRSF6B
NCBI Official Synonym Symbols	M68; TR6; DCR3; M68E; DJ583P15.1.1
NCBI Protein Information	tumor necrosis factor receptor superfamily member 6B; decoy receptor 3; decoy receptor for Fas ligand

UniProt Protein Name	Tumor necrosis factor receptor superfamily member 6B
UniProt Gene Name	TNFRSF6B
UniProt Synonym Gene Names	DCR3; TR6; DcR3
UniProt Entry Name	TNF6B_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://stage.aaabiotech.com/baculovirus-insect-cells-tnfrsf6b-active-protein/dcr3/257848>