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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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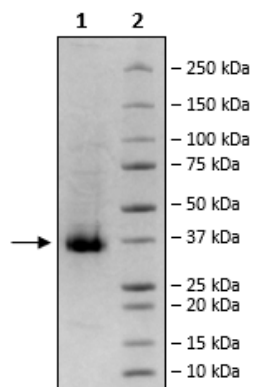


Product Information

Description:	Recombinant human DcR3 (Decoy receptor 3), encompassing amino acids 30-300(end). This construct contains a C-terminal His-tag (10xHis). This protein was affinity purified.
Background:	Decoy receptor 3 (DcR3) is a soluble receptor of the tumor necrosis factor receptor superfamily of proteins (TNFRSF), which associates with its respective ligands, such as TL1A, FasL and LIGHT. DcR3 has been recognized as a significant anti-apoptotic factor with prominent involvement in various inflammatory and neoplastic conditions. Increased intratumor expression of DcR3 and elevated soluble DcR3 protein content in the sera of patients has been reported for various malignancies. TL1A, also called TNFSF15, is a member of the tumor necrosis factor family. It is expressed in different immune cells, such as monocyte, macrophage, dendritic cell, T cell and non-immune cells. TL1A competitively binds to DcR3, providing stimulatory signal for downstream signaling pathways, and then regulates proliferation, activation, apoptosis, and chemokine production in effector cells. Inhibition of DcR3-TL1A interaction has substantial therapeutic potential.
Species	Human
Construct:	DcR3 (30-300e-His)
Concentration:	0.16 mg/ml
Expression System:	HEK293
Purity:	≥90%
Format:	Aqueous buffer solution.
Formulated In:	8 mM phosphate pH 7.4, 110 mM NaCl, 2.2 mM KCl, and 20% glycerol
MW:	32 kDa + glycans
Glycosylation:	This protein runs at a higher MW by SDS-PAGE due to glycosylation.
Genbank Accession:	NM_003823.4
Stability:	At least 6 months at -80°C.
Storage:	-80°C
Instructions for Use:	Thaw on ice and gently mix prior to use. DO NOT VORTEX. Perform a quick spin before opening. Aliquot into small volumes and flash freeze for long term storage. Avoid multiple freeze/thaw cycles.
Assay Conditions:	Assay was done according to DcR3:TL1A Inhibitor Screening Assay Kit (#82160). Increasing amounts of DcR3 were coated on a plate and TL1A, His-Tag, Avi-Tag, Biotin-Labeled Recombinant (#101882) was used as binding partner.
Applications:	Useful for TL1A binding studies and for screening binding inhibitors.

Quality Control Data

4-20% SDS-PAGE Coomassie Staining



TL1A[B]-DcR3 Binding Activity

