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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Information

Description:	Recombinant human CLEC2D (C-type lectin domain family 2 member D), encompassing amino acids 60-191(end). This construct contains a N-terminal His-tag (6xHis) followed by an Avi-tag™. This protein was affinity purified.
Background:	CLEC2D (C-type lectin domain family 2 member D), also known as LLT1 (lectin like transcript -1) belongs to the NK cell receptor C-type lectin family of proteins. It functions as a ligand for the KLRB1 receptor (killer cell lectin-like receptor subfamily B member 1), also known as CD161, involved in self recognition responses in NK cells. It is found in monocytes, NK cells and certain T cells. It plays a role in tumor and viral immunity and anti-inflammatory responses. It is also expressed in tumor cells, and the interaction between CLEC2D and CD161 in NK cells results in decreased cytotoxicity and IFN γ (interferon gamma) secretion. In the context of inflammation, CLEC2D transports DNA-histone complexes to endosomes and triggers TLR9 (toll like receptor 9) responses in macrophages and microglia. A deeper understanding on the roles of this protein can aid in the development of therapies for diseases that involved CLEC2D and its partners.
Species:	Human
Construct:	CLEC2D (His-Avi-60-191(end))
Concentration:	0.78 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:	18 kDa + glycans
Glycosylation:	This protein runs at a higher MW by SDS-PAGE due to glycosylation.
Genbank Accession:	NM_013269
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.
Applications:	Useful for SDS-PAGE.

Quality Control Data

4-20% SDS-PAGE Coomassie Staining

