

Product datasheet

Recombinant Human KIR3DL1 protein ab51218

1 Image

Description

Product name	Recombinant Human KIR3DL1 protein
Purity	> 95 % SDS-PAGE. A His-tag fusion protein of KIR3DL1 cytoplasmic tail was overexpressed as insoluble protein aggregates (inclusion bodies). This protein was purified by FPLC gel-filtration chromatography, after refolding of the isolated inclusion bodies in a redox buffer.
Expression system	Escherichia coli
Accession	<u>P43629</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSTSGT IDKLDIEFHL WCSNKKNAAV MDQEPAGNRT ANSEDSDEQD PEEVTYAQLD HCVFTQRKIT RPSQRPKTPP TDTILYTELP NAKPRSKVVS CP
Predicted molecular weight	15 kDa including tags
Amino acids	361 to 444
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab51218** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications SDS-PAGE

Form Liquid

Additional notes

The cytoplasmic tail of KIR3DL1, which contains two immunoreceptor tyrosine-based inhibition motifs (ITIMs), mediates inhibitory signal transduction that prevents killer cell-mediated cytotoxicity.

Preparation and Storage

Stability and Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

pH: 7.50

Constituents: 0.395% Tris HCl, 0.58% Sodium chloride

General Info

Function

Receptor on natural killer (NK) cells for HLA Bw4 allele. Inhibits the activity of NK cells thus preventing cell lysis.

Sequence similarities

Belongs to the immunoglobulin superfamily.

Contains 3 Ig-like C2-type (immunoglobulin-like) domains.

Cellular localization

Cell membrane.

Images



14% SDS-PAGE gel loaded with ab51218, recombinant human KIR3DL1 protein (His tag).

Predicted molecular weight 15kDa.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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