

Product datasheet

Recombinant Human NKG2D protein (Fc Chimera His Tag) ab227395

1 Image

Description

Product name	Recombinant Human NKG2D protein (Fc Chimera His Tag)	
Purity	> 95 % SDS-PAGE. ab227395 was purified using conventional chromatography techniques.	
Endotoxin level	< 1.000 Eu/μg	
Expression system	Baculovirus infected insect cells	
Accession	P26718	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	<pre>ADPIWSAVFLNSLNFNQEVQIPLTESYCGPCPKNWICYK NNCYQFFDESKN WYESQASCMSQNASLLKVYSKEDQDLLKLVKSYHWM GLVHIPTNGSWQWE DGSILSPNLLTIEMQKGDICALYASSFKGYIENCSTPNTYI CMQRTVVEP KSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMIS RTPEVTCVVVDVS HEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVV SVLTVLHQDWLNGK EYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSR DELTKNQVSLTC LVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSF FLYSKLTVDKSRW QQGNVFSCSVMHEALHNHYTQKSLSLSPGKHHHHHHH</pre>	
Predicted molecular weight	44 kDa including tags	
Amino acids	73 to 216	
Tags	His tag C-Terminus	
Additional sequence information	Extracellular domain fused to hlgG-His-tag at C-terminus (NP_031386).	

Specifications

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Our [Abpromise guarantee](#) covers the use of **ab227395** 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

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.40

Constituents: 10% Glycerol, PBS

General Info

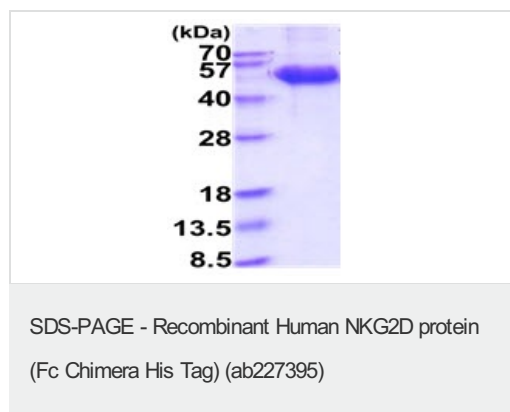
Function Receptor for MICA, MICB, ULBP1, ULBP2, ULBP3 (ULBP2>ULBP1>ULBP3) and ULBP4. Plays a role as a receptor for the recognition of MHC class I HLA-E molecules by NK cells and some cytotoxic T-cells. Involved in the immune surveillance exerted by T- and B-lymphocytes.

Tissue specificity Natural killer cells. Expressed on essentially all CD56+CD3- NK cells from freshly isolated PBMC. Also detected in gamma-delta cells and CD8+ alpha-beta T-cells. Expressed in interferon-producing killer dendritic cells (IKDCs).

Sequence similarities Contains 1 C-type lectin domain.

Cellular localization Membrane.

Images



15% SDS-PAGE analysis of 3 µg ab227395.

MW: 40-57 kDa (SDS-PAGE under reducing conditions).

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