

Product datasheet

Recombinant human DcR2 protein (Active) ab227391

1 Image

Description

Product name	Recombinant human DcR2 protein (Active)	
Biological activity	Measured in a neutralizing assay using Jurkat human T lymphocyte. The ED ₅₀ for this effect is less or equal to 10 ng/ml in the presence of 2ng/ml TRAIL.	
Purity	> 90 % SDS-PAGE. ab227391 was purified using conventional chromatography techniques.	
Endotoxin level	< 1.000 Eu/μg	
Expression system	Baculovirus infected insect cells	
Accession	Q9UBN6	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	<p>ATIPRQDEVPPQTVAPQQRRSLKEEECPAGSHRSEY TGACNPCTEGVDY TIASNNLPSCLLCTVCKSGQTNKSSCTTTRDTVCQCEK GSFQDKNSPEMC RTCRTGCPRGMVKVSNCTPRSDIKCKNESAASSTGKT PAAEETVTTILGM LASPYHVEPKSCDKTHTCPPCPAPPELLGGPSVFLFPP KPKDTLMISRTPE VTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREE QYNSTYRVVSVLTV LHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPRE PQVYTLPPSRDEL TKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPP PVLDSGDGSFFLYS KLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLS PGKHHHHHHH</p>	
Predicted molecular weight	44 kDa including tags	
Amino acids	56 to 211	
Tags	His tag C-Terminus	
Additional sequence information	Extracellular domain fused to hlgG-His-tag at C-terminus (NP_003831).	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab227391** in the following tested applications.

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

Applications	Functional Studies SDS-PAGE
Form	Liquid

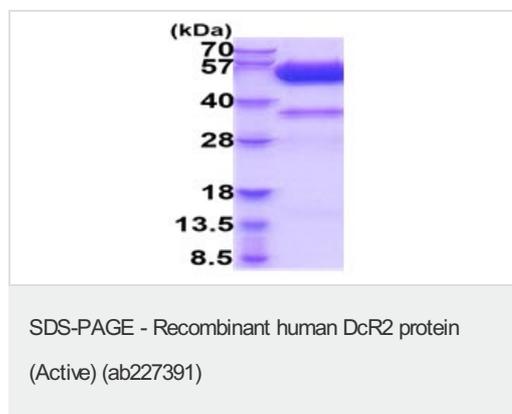
Preparation and Storage

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 This product is an active protein and may elicit a biological response in vivo, handle with caution.
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General Info

Function	Receptor for the cytotoxic ligand TRAIL. Contains a truncated death domain and hence is not capable of inducing apoptosis but protects against TRAIL-mediated apoptosis. Reports are contradictory with regards to its ability to induce the NF-kappa-B pathway. According to PubMed:9382840, it cannot but according to PubMed:9430226, it can induce the NF-kappa-B pathway.
Tissue specificity	Widely expressed, in particular in fetal kidney, lung and liver, and in adult testis and liver. Also expressed in peripheral blood leukocytes, colon and small intestine, ovary, prostate, thymus, spleen, pancreas, kidney, lung, placenta and heart.
Sequence similarities	Contains 1 death domain. Contains 3 TNFR-Cys repeats.
Cellular localization	Membrane.

Images



15% SDS-PAGE analysis of 3 µg ab227391.

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

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

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