

Product datasheet

Recombinant Human CD81 protein (Fc Chimera His Tag) ab226886

1 Image

Description	
Product name	Recombinant Human CD81 protein (Fc Chimera His Tag)
Purity	> 95 % SDS-PAGE. Affinity purified
Endotoxin level	< 1.000 Eu/µg
Expression system	Baculovirus infected insect cells
Accession	<u>P60033</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	ADPFVNKDQIAKDVKQFYDQALQQAVVDDDANNAKAVV KTFHETLDCCGS STLTALTTSVLKNNLCPSGSNIISNLFKEDCHQKIDDLFSGK LEPKSCDK THTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCV VVDVSHEDPE VKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQ DWLNGKEYKCK VSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQ VSLTCLVKGF YPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSKLTV DKSRWQQGNV FSCSVMHEALHNHYTQKSLSLSPGKHHHHHH
Predicted molecular weight	37 kDa including tags
Amino acids	113 to 201
Tags	His tag C-Terminus
Additional sequence information	Extracellular domain with hlgG-His tag at the C-terminus (NP_004347).

Specifications

Our **Abpromise guarantee** covers the use of **ab226886** 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 (glycerin, glycerine), PBS

General Info

Function May play an important role in the regulation of lymphoma cell growth. Interacts with a 16-kDa Leu-13 protein to form a complex possibly involved in signal transduction. May acts a the viral receptor for HCV.

Tissue specificity Hematolymphoid, neuroectodermal and mesenchymal tumor cell lines.

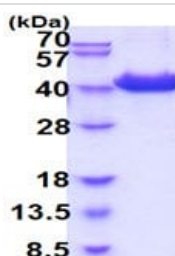
Involvement in disease Defects in CD81 are the cause of immunodeficiency common variable type 6 (CVID6) [MIM:613496]; also called antibody deficiency due to CD81 defect. CVID6 is a primary immunodeficiency characterized by antibody deficiency, hypogammaglobulinemia, recurrent bacterial infections and an inability to mount an antibody response to antigen. The defect results from a failure of B-cell differentiation and impaired secretion of immunoglobulins; the numbers of circulating B cells is usually in the normal range, but can be low.

Sequence similarities Belongs to the tetraspanin (TM4SF) family.

Post-translational modifications Not glycosylated.

Cellular localization Membrane.

Images



15% SDS-PAGE analysis of 3 µg ab226886.

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

SDS-PAGE - Recombinant Human CD81 protein (Fc Chimera His Tag) (ab226886)

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

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