

Product datasheet

Recombinant Human CD81 protein ab152267

[1 Image](#)

Description

| | |
|-----------------------------------|--|
| Product name | Recombinant Human CD81 protein |
| Expression system | Wheat germ |
| Accession | <u>P60033</u> |
| Protein length | Protein fragment |
| Animal free | No |
| Nature | Recombinant |
| Species | Human |
| Sequence | GGVILGVALWLRHDPQTTNLLYLELGDKPAPNTFYVGYLIA VGAVMMF VGFLGCGYGAIQESQCLLGTFFTCLVILFACEVAAGWGFVN KDQIAKDVK QFY |
| Predicted molecular weight | 37 kDa including tags |
| Amino acids | 25 to 127 |
| Tags | GST tag N-Terminus |

Specifications

Our **Abpromise guarantee** covers the use of **ab152267** in the following tested applications.

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

| | |
|---------------------|-----------------------------------|
| Applications | ELISA SDS-PAGE Western blot |
|---------------------|-----------------------------------|

| | |
|-------------|--------|
| Form | Liquid |
|-------------|--------|

Additional notes

Preparation and Storage

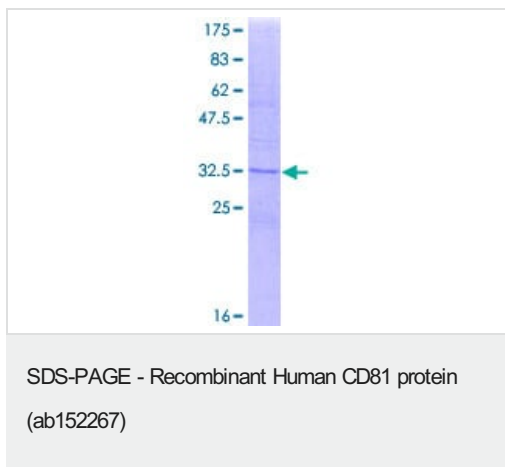
| | |
|------------------------------|---|
| Stability and Storage | Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 |
|------------------------------|---|

Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

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|---|---|
| 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



ab152267 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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

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