

CD81 (Human) Recombinant Protein

Catalog # P9107

Size 2 x 10 ug

Specification

Product Description	Human CD81 (P60033, 113 a.a. - 201 a.a.) partial-length recombinant protein with His tag at C-Terminus expressed in <i>Baculovirus</i> .
Sequence	ADPFVNKDQIAKDVKQFYDQALQQAVVDDDDANNAKAVVKTFFHETLDCCGSSTLTALTTSVLKNN LCPSGSNIISNLFKEDCHQKIDDLFSGKLEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTL MISRTPEVTCVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLN GKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEW ESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFSVSMHEALHNHYTQKSLSLSP GKHHHHHH.
Host	Nicotiana benthamiana
Theoretical MW (kDa)	37
Form	Liquid
Preparation Method	<i>Baculovirus</i> expression system
Purity	> 95% by SDS-PAGE.
Storage Buffer	PBS (pH7.4) and 10% glycerol.
Storage Instruction	Store at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles.

Applications

- SDS-PAGE

Gene Info — CD81

Entrez GeneID [975](#)Protein Accession# [P60033](#)

Gene Name	CD81
Gene Alias	S5.7, TAPA1, TSPAN28
Gene Description	CD81 molecule
Omim ID	186845
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins. This protein appears to promote muscle cell fusion and support myotube maintenance. Also it may be involved in signal transduction. This gene is localized in the tumor-suppressor gene region and thus it is a candidate gene for malignancies. [provided by RefSeq]
Other Designations	26 kDa cell surface protein TAPA-1 CD81 antigen CD81 antigen (target of antiproliferative antibody 1) target of antiproliferative antibody 1

Pathway

- [B cell receptor signaling pathway](#)

Disease

- [Atherosclerosis](#)
- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hepatitis C](#)
- [Hodgkin Disease](#)
- [Kidney Failure](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Lymphoproliferative Disorders](#)

- [Multiple Myeloma](#)
- [Obesity](#)
- [Occupational Diseases](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)