

Recombinant Human CDH18, GST-tagged

Cat. No. CDH18-11034H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDH18 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	25-382a.a.
Description	This gene encodes a member of the CD2 subfamily of immunoglobulin-like receptors which includes SLAM (signaling lymphocyte activation molecules) proteins. The encoded protein is found on the surface of lymphocytes and other immune cells, dendritic cells and endothelial cells, and participates in activation and differentiation pathways in these cells. The encoded protein does not have a transmembrane domain, however, but is held at the cell surface by a GPI anchor via a C-terminal domain which maybe cleaved to yield a soluble form of the receptor. Multiple transcript variants encoding different isoforms have been found for this gene.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

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Gene Name	CDH18 cadherin 18, type 2 [Homo sapiens]
Official Symbol	CDH18
Synonyms	CDH18; cadherin 18, type 2; cadherin-18; CDH14; EY CADHERIN; cadherin-14; ey-cadherin; cadherin-like 24; CDH24; CDH14L;
Gene ID	1016
mRNA Refseq	NM_001167667
Protein Refseq	NP_001161139
MIM	603019
UniProt ID	Q13634
Chromosome Location	5p14.3
Pathway	Adherens junctions interactions, organism-specific biosystem; Cell junction organization, organism-specific biosystem; Cell-Cell communication, organism-specific biosystem; Cell-cell junction organization, organism-specific biosystem;
Function	calcium ion binding;