Active Recombinant Human CD248 Protein, His-tagged

Cat. No. CD248-23H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD248(Gln18-Arg685) fused with His tag at C-terminal was expressed in NS0.
Species	Human
Source	Mammalian Cells
ProteinLength	Gln18-Arg685
Predicted N Terminal	Gln18 predicted: No results obtained, sequencing might be blocked
Form	Lyophilized from a 0.2 μm filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. When Recombinant Human Endosialin/CD248 is immobilized at 2 μg/mL (100 μL/well), the concentration of Recombinant Human Galectin-3BP/MAC-2BP that produces 50% of the optimal binding response is approximately 0.08-0.4 μg/mL.
Molecular Mass	Predicted Molecular Mass: 72 kDa; SDS-PAGE: 110-150 kDa, reducing conditions.
Endotoxin	<0.10 EU per 1 μg of the protein by the LAL method.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain

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Storage	Avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.
Reconstitution	Reconstitute at 100 µg/mL in PBS.

GENE INFORMATION

Gene Name	CD248 CD248 molecule, endosialin [Homo sapiens]
Official Symbol	CD248
Synonyms	CD248; CD248 molecule, endosialin; CD164 sialomucin like 1 , CD164L1, CD248 antigen, endosialin; endosialin; TEM1; tumor endothelial marker 1; 2610111G01Rik; CD164 sialomucin-like 1; CD248 antigen, endosialin; CD164L1; MGC119478; MGC119479;
Gene ID	57124
mRNA Refseq	NM_020404
Protein Refseq	NP_065137
MIM	606064
UniProt ID	Q9HCU0

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