Recombinant Human CDH5 protein, GST-tagged

Cat. No. CDH5-3677H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDH5 protein(54-241 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	54-241 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	MHIDEEKNTSLPHHVGKIKSSVSRKNAKYLLKGEYVGKVFRVDAETGDVFAIERLDR ENISEYHLTAVIVDKDTGENLETPSSFTIKVHDVNDNWPVFTHRLFNASVPESSAVGT SVISVTAVDADDPTVGDHASVMYQILKGKEYFAIDNSGRIITITKSLDREKQARYEIVV EARDAQGLRGDSGT
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution	Reconstitute at 0.25 ḡ/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	CDH5 cadherin 5, type 2 (vascular endothelium) [Homo sapiens]
Official Symbol	CDH5
Synonyms	CDH5; cadherin 5, type 2 (vascular endothelium); cadherin 5, type 2, VE cadherin (vascular epithelium); cadherin-5; 7B4; CD144; VE cadherin; 7B4 antigen; VE-cadherin; cd144 antigen; endothelial-specific cadherin; vascular endothelial cadherin; cadherin 5, type 2, VE-cadherin (vascular epithelium); FLJ17376;
Gene ID	1003
mRNA Refseq	NM_001795
Protein Refseq	NP_001786
MIM	601120
UniProt ID	P33151

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