

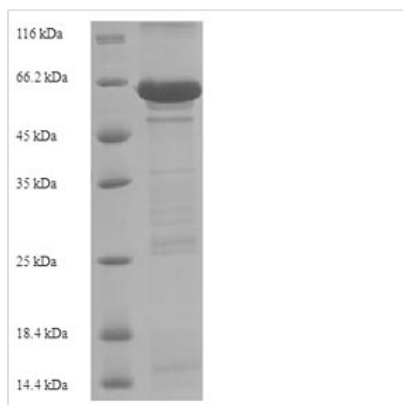


Recombinant Human Cadherin-1 (CDH1), partial

Product Code	CSB-EP005034HU
Relevance	Cadherins are calcium-dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. CDH1 is involved in mechanisms regulating cell-cell adhesions, mobility and proliferation of epithelial cells. Has a potent invasive suppressor role. It is a ligand for integrin alpha-E/beta-7.
Abbreviation	Recombinant Human CDH1 protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P12830
Alias	CAM 120/80Epithelial cadherin ;E-cadherinUvomorulin; CD324
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	DWVIPPISCPENEKGFPPKNLVQIKSNKDKEGKVFYSITGQGADTPPVGVFIER ETGWLKVTPEPLDRERATYTLFSHAVSSNGNAVEDPMEILITVTDQNDNKPEFT QEVFKGSMEGALPGTSVMEVTATDADDDVNTYNAAIAYTILSQDPELPDKNM FTINRNTGVISVTTGLDRESFPTYTLVVQAADLQGEGLSTTATAVITVTDNDN PPIFNPTTYKGQVPENANVVITTLKVTDADAPNTPAWEAVYTI LNDDGGGFVV TTNPVNNDGILKTAKGLDFEAKQQYILHVAVTNVPFEVSLTTSTATVTVDVLD VNEAPIFVPPEKRVEVSEDFGVGQEITSYTAQEPDTFMEQKITYRIWRDTANW LEINPDTGAISTRAELDREDFEHVKNSTYALIIATDNGSPVATGTGTL LLLILSDV NDNAPIPEPRTIFFCERNPKPQVINIIDADLPPNTSPFTAELTHGASANWTIQYN DPTQESIILKPKMALEVGDYKINLKLMDNQNKDQVTTLEVSVCDCEGAAGVCR KAQPVEAGLQI
Research Area	Signal Transduction
Source	E.coli
Target Names	CDH1
Expression Region	155-707aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	64.4kDa
Protein Length	Partial



Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.