9051 Mira Mesa Blvd, #910094
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CDH1 Human, Sf9

E-Cadherin Human Recombinant, Sf9
RCP0367

Product Overview

Name	CDH1 Human, Sf9
Description	
E-Cadherin Human Recombinant, Sf9	
Accession (Primary)	P12830
Synonyms	
Cadherin 1, Type 1, E-Cadherin, Cadherin 1, Type 1, E-Cadherin (Epithelial), Epithelial Cadherin, CAM 120/80, Uvomorulin, CDHE, UVO, Calcium-Dependent Adhesion Protein, Epithelial, Cadherin 1, E-Cadherin (Epithelial), Cell-CAM 120/80, CD324 Antigen, Arc-1, CD324, ECAD, LCAM, Cadherin-1.	
Introduction	
E-cadherin (uvomorulin, cell-CAM120/80) is a calcium dependent cell adhesion molecule expressed predominately in epithelial tissues. It plays an important role in the growth and development of cells via the mechanisms of control of tissue architecture and the maintenance of tissue integrity. Numerous studies have demonstrated that reduction and/or loss of Ecadherin expression in carcinomas correlates positively with the potential of these tumors for invasion and metastasis.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
CDH1 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
EPEPCHPGFD AESYTFTVPR RHLERGRVLG RVNFEDCTGR QRTAYFSLDT RFKVGTDGVI TVKRPLRFHN PQIHFLVYAW DSTYRKFSTK VTLNTVGHHH RPPPHQASVS GIQAELLTFP NSSPGLRRQK RDWVIPPISC	

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PENEKGPFPK NLVQIKSNKD KEGKVFYSIT GQGADTPPVG VFIIERETGW LKVTEPLDRE RIATYTLFSH AVSSNGNAVE DPMEILITVT DQNDNKPEFT QEVFKGSVME GALPGTSVME VTATDADDDV NTYNAAIAYT ILSQDPELPD KNMFTINRNT GVISVVTTGL DRESFPTYTL VVQAADLQGE GLSTTATAVI TVTDTNDNPP IFNPTTYKGQ VPENEANVVI TTLKVTDADA PNTPAWEAVY TILNDDGGQF VVTTNPVNND GILKTAKGLD FEAKQQYILH VAVTNVVPFE VSLTTSTATV TVDVLDVNEA PIFVPPEKRV EVSEDFGVGQ EITSYTAQEP DTFMEQKITY RIWRDTANWL EINPDTGAIS TRAELDREDF EHVKNSTYTA LIIATDNGSP VATGTGTLLL ILSDVNDNAP IPEPRTIFFC ERNPKPQVIN IIDADLPPNT SPFTAELTHG ASANWTIQYN DPTQESIILK PKMALEVGDY KINLKLMDNQ NKDQVTTLEV SVCDCEGAAG VCRKAQPVEA GLQIPA LEHH HHHH.

Precautions

CDH1 Human, Sf9 is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P12830)