32-13136: CDH1 Human, Sf9
Alternative Cadherin 1, Type 1, E-Cadherin, Cadherin 1, Type 1, E-Cadherin (Epithelial), Epithelial Cadherin, CAM Name: 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.

## Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
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.
CDH1 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 694 amino acids (24-709a.a.) and having a molecular mass of 76.6 kDa . (Molecular size on SDS-PAGE will appear at approximately 70 kDa ). CDH1 is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

## Product Info

## Amount :

## Purification :

Content :

## Storage condition :

Amino Acid :

## $2 \mu \mathrm{~g} / 10 \mu \mathrm{~g}$

Greater than $90 \%$ as determined by SDS-PAGE.
CDH1 protein solution ( $0.5 \mathrm{mg} / \mathrm{ml}$ ) contains Phosphate Buffered Saline ( pH 7.4 ) and $10 \%$ glycerol.
Store at $4^{\circ} \mathrm{C}$ if entire vial will be used within $2-4$ weeks. Store, frozen at $-20^{\circ} \mathrm{C}$ 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.
EPEPCHPGFD AESYTFTVPR RHLERGRVLG RVNFEDCTGR QRTAYFSLDT RFKVGTDGVI TVKRPLRFHN PQIHFLVYAW DSTYRKFSTK VTLNTVGHHH RPPPHQASVS GIQAELLTFP NSSPGLRRQK RDWVIPPISC 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 GLQIPALEHH HHHH.

