



Recombinant Pig Cadherin-3 (CDH3)

Product Code	CSB-EP005052PI-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O18926
Product Type	Recombinant Protein
Immunogen Species	Sus scrofa (Pig)
Purity	≥85% (SDS-PAGE)
Sequence	KIAKYELFGH AVSENGASVE EPMNISIIVT DQNDHKPKFT QDVFRGSVLE GVLPGTSVMQ VTATDEDDAI NTYNGVVAYS ILSQEPKDPH DLMFTVHRST GAISVISSGL DRERVPEYTL TIQATDMDGD GSSTTATAIV EILDA
Source	E.coli
Target Names	CDH3
Protein Names	Recommended name: Cadherin-3 Alternative name(s): Placental cadherin Short name= P-cadherin
Expression Region	1-145
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Extracellular domain
Target Details	This gene is a classical cadherin from the cadherin superfamily. The encoded protein is a calcium-dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. This gene is located in a six-cadherin cluster in a region on the long arm of chromosome 16 that is involved in loss of heterozygosity events in breast and prostate cancer. In addition, aberrant expression of this protein is observed in cervical adenocarcinomas. Mutations in this gene have been associated with congenital hypotrichosis with juvenile macular dystrophy.
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.