PRODUCT INFORMATION

Target	CDH3
Synonyms	Cadp; Cdhp; Pcad; P-cadherin
Description	Recombinant mouse CDH3 protein with C-terminal 10×His tag
Delivery	In Stock
Uniprot ID	P10287
Expression Host	HEK293
Tag	C-10×His tag
Molecular Characterization	Mouse CDH3(Glu100-Gly647) 10×His tag
Molecular Weight	The protein has a predicted molecular mass of 61.8 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 80% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	This gene encodes a calcium-dependent cell-cell adhesion protein containing five cadherin domains. The encoded protein plays a role in epithelial outgrowth, such as that which occurs during the development of hair follicles and limb buds. Loss of function of the related gene in humans results in ectodermal dysplasia, ectrodactyly, and macular dystrophy and congential hypotrichosis with juvenile macular dystrophy. This gene is located in the vicinity of similar cadherin genes on chromosome 8. The proprotein is further cleaved into a functional chain. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2013]
Usage	Research use only
Conjugate	Unconjugated

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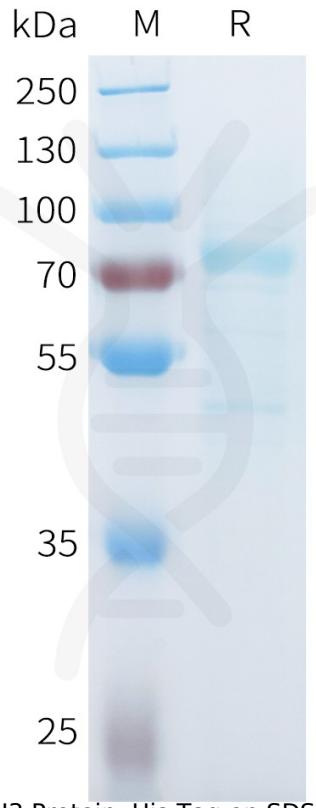


Figure 1. Mouse CDH3 Protein, His Tag on SDS-PAGE under reducing condition.

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