PRODUCT INFORMATION

Target	CDH6
Synonyms	CAD6; KCAD
Description	Recombinant human CDH6(54-159) Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P55285
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	CDH6(Ser54-Phe159) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 38.4 kDa after removal of the signal peptide. The apparent molecular mass of CDH6(54-159)-hFc is approximately 35-55 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% 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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
Background	This gene encodes a member of the cadherin superfamily. Cadherins are membrane glycoproteins that mediate homophilic cell-cell adhesion and play critical roles in cell differentiation and morphogenesis. The encoded protein is a type II cadherin and may play a role in kidney development as well as endometrium and placenta formation. Decreased expression of this gene may be associated with tumor growth and metastasis. [provided by RefSeq, May 2011]
Usage	Research use only
Conjugate	Unconjugated

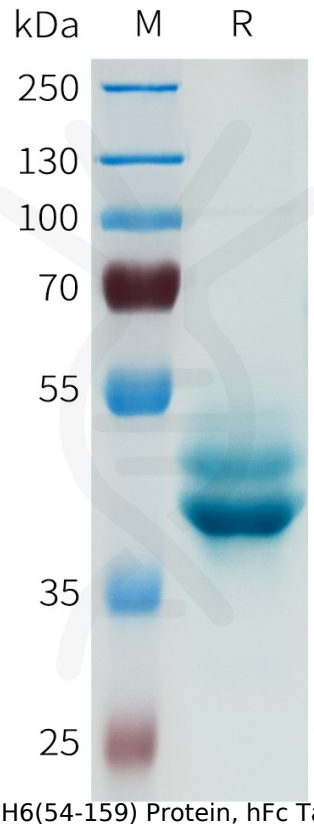

Figure 1. Human CDH6(54-159) Protein, hFc Tag on SDS-PAGE under reducing condition.