Recombinant CADM4 protein (His tag)

Catalog Number	545487
Synonyms	Immunoglobulin superfamily member 4C; IgSF4C; Nectin-like protein 4; NECL-4; TSLC1-like protein 2
Species	Human
Expression System	E. coli
Accession	Q8NFZ8
Molecular Weight	Predictes a molecular mass of 35.14 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 36 kDa band.

Product Information

Sequence Region	21-324
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>86%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Endotoxin	Not tested.
Activity	Not tested.
Stability	Samples are stable for up to twelve months from date of receipt at -70℃
Protein Construction	DNA encoding 21-324 aa (Q8NFZ8) were fused with 6His tag.

Storage & Handling

Reconstitution	Reconstitute at 0.25 μg/μl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.
Storage	Store it under sterile conditions at -20℃ to -80℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

Description

Description	Recombinant Human CADM4 Fragment (aa 21-324) is a high-purity protein encompassing the Ig-like V-type and C2-type domains of Cell adhesion molecule 4 (CADM4), designed to support studies in cell adhesion mechanisms and tumor-suppressor functions. CADM4, also known as Nectin-like protein 4 or TSLC1-like protein 2, is a single-pass type I membrane protein involved in calcium- and magnesium-independent cell-cell adhesion. It is localized to the membrane and may exhibit tumor-suppressor activity, playing a role in maintaining cellular integrity and potentially inhibiting tumor progression, as supported by research evidence.