

Recombinant Human CADM3 Protein, His-tagged

Cat. No. CADM3-186H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CADM3(1-398aa) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-398aa
Description	The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cysteine proteases. The mammalian calpains include ubiquitous, stomach-specific, and muscle-specific proteins. The ubiquitous enzymes consist of heterodimers with distinct large, catalytic subunits associated with a common small, regulatory subunit. This gene encodes the large subunit of the ubiquitous enzyme, calpain 2. Multiple heterogeneous transcriptional start sites in the 5' UTR have been reported. Two transcript variants encoding different isoforms have been found for this gene.
Form	The purified protein was resolved in 1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.) added with 300mM Imidazole and 15% glycerol.
AA Sequence	MGAPAASLLLLLLLLFACCWAPGGANLSQDDSQPWTSDET VVAGGTVVLKCQVKDH EDSSLQWSNPAQQTL YFGEKRALRDNRIQLVTSTPHELSSISINVALADEGEYTC SIF TMPVRTAKSLVTVLGIPQKPIITGYKSSLREKDTATLNCQSSGSKPAARLTWRKGDQ ELHGEPTRIQEDPNGKTFTVSSSVTFQV TREDDGASIVCSVNHESLKGADRSTSQRI EVLYTPTAMIRPDPPHPREGQKLL LHCEGRGNPVPQQYLWEKEGSPVPLKMTQES ALIFPFLNKSDSGTYGCTATSNMG SYKAYYTLNVNDPSPVPSSSSTYHAIIGGIVAFIV

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FLLLIIMLIFLGHYLIRHKGTYLTHEAKGSDDAPDADTAIINAEGGQSGGDDKKEYFI

Stability

Aliquot and store at -20 centigrade to -80 centigrade for up to 6 months. Avoid freeze thaw cycles.

Storage

The product is shipped with ice packs. Upon receipt, store it immediately at -20 centigrade to -80 centigrade.

GENE INFORMATION

Gene Name

CADM3 cell adhesion molecule 3 [Homo sapiens]

Official Symbol

CADM3

Synonyms

CADM3; cell adhesion molecule 3; IGSF4B, immunoglobulin superfamily, member 4B; BlgR; FLJ10698; Necl 1; NECL1; nectin like 1; SynCAM3; TSLL1; TSLC1-like 1; nectin-like 1; TSLC1-like protein 1; nectin-like protein 1; brain immunoglobulin receptor; synaptic cell adhesion molecule 3; immunoglobulin superfamily member 4B; immunoglobulin superfamily, member 4B; dendritic cell nectin-like protein 1 short isoform; IGSF4B; Necl-1; synCAM3;

Gene ID

57863

mRNA Refseq

NM_001127173

Protein Refseq

NP_001120645

MIM

609743

UniProt ID

Q8N126

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