

Active Recombinant Human ARMETL1 protein

Cat. No. ARMETL1-839H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ARMETL1 (Q49AH0) partial recombinant protein expressed in Escherichia coli.
Species	Human
Source	E.coli
Description	CDNF (Cerebral Dopamine Neurotrophic Factor) is a Protein Coding gene. GO annotations related to this gene include growth factor activity. An important paralog of this gene is MANF.
Form	Lyophilized
Bio-activity	Determined by its ability to stimulate the proliferation of rat C6 cells. The expected ED50 for this effect is 15-25 ug/mL.
Molecular Mass	18.5 kDa
AA Sequence	MQEAGGRPGADCEVCKEFLNRFYKSLIDRGVNFSLDTIEKELISFCLDTKGKENRLC YYLGATKDAATKILSEVTRPMSVHMPAMKICEKLLKLDLSQICELKYEKTLDLASVDLR KMRVAELKQILHSWGEECRACAEKTDYVNLIQELAPKYAATHPKTEL
Endotoxin	Endotoxin level is < 0.1 ng/ug of protein (< 1 EU/ug).
Purity	98%

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Applications	Functional Study; SDS-PAGE
Usage	Activity assay SDS-PAGE The optimal working dilution should be determined by the end user.
Storage	Store at -20 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	Lyophilized from solutions contain no sodium azide nor carrier protein
GENE INFORMATION	
Gene Name	CDNF cerebral dopamine neurotrophic factor [Homo sapiens]
Official Symbol	CDNF
Synonyms	CDNF; cerebral dopamine neurotrophic factor; arginine rich, mutated in early stage tumors like 1 , ARMETL1; conserved dopamine neurotrophic factor; ARMET-like protein 1; arginine-rich, mutated in early stage tumors-like 1; ARMETL1;
Gene ID	441549
mRNA Refseq	NM_001029954
Protein Refseq	NP_001025125
MIM	611233
UniProt ID	Q49AH0

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