

Recombinant Human CLSTN3 protein, T7/His-tagged

Cat. No. CLSTN3-61H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CLSTN3 cDNA (20-847aa, derived from BC111491) fused with T7-His-TEV cleavage site Tag (29aa) at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	20-847 a.a.
Form	0.5 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	MASMTGGQQMGRGRHHHHHHGNLYFQGGEFNKANKHKPWIEAEYQGIVMENDNTV LLNPPLFALDKDAPLRYAGEI CGFRLHGSGVPFEAVILDKATGEGLIRAKEPVDCEA QKEHTFTIQAYDCGEGPDGANTKKSHKATVHVRVNDVNE FAPVFVERLYRAAVTE GKLYDRILRVEAIDGDCSPQYSQICYEILTPNTPFLIDNDGNIENTEKLQYSGERLYK FTVTAYDCGKKRAADDAEVEIQVKPTCKPSWQGWNKRIEYAPGAGSLALFPGIRLET CDEPLWNIQATIELQTSH VAKGCDRDNYSERALRKLCGAATGEVDLLPMPGPNAN WTAGLSVHYSQDSSLIYWFNGTQAVQVPLGGPSGLGSG PQDSLSDHFTLSFWMK HGVTPNKGKKEEETIVCNTVQNEGDGFSHYSLTVHGCRIAFlyWPLLESARPVKFLWK LE QVCDDEWHHYALNLEFPTVTLYTDGISFDPALIHDNGLIHPPRREPALMIGACWT EEKNKEKEKGDNSTDTTQGD PLSIHHYFHGYLAGFSVRSGRLESREVIECLYACRE GLDYRDFESLGKGMKVHVNPSSQLLTLEGDDVETFNHAL QHVAYMNTLRFATPGV RPLRLTTAVKCFSEESCVSIPVEGYVVVLQPDAPQILLSGTAHFARPAVDFEGTNG

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VP LFPDLQITCSISHQVEAKKDESWQGTVDTRMSDEIVHNLDGCEISLVGDDLDPE
RESLLDTSLSLQQRGLELTN TSAYLTIAGVESITVYEEILRQARYRLRHGAALYTRKF
RLSCSEMNGRYSSENEFIVEVNVLHSMNRVAHPSHVLS SQQLHRGHQPPPEMAGH
SLASSHRNSMIPSA

Purity >90% by SDS-PAGE

Applications 1. May be used for in vitro CLSTN3 mediated neuronal cell differentiation regulation study with this protein as either coating matrix protein or soluble factor. 2. May be used as CLSTN3 protein-protein interaction assay. 3. As antigen for specific antibody production.

Storage Keep at -80centigrade for long term storage. Product is stable at 4 centigrade for at least 30 days.

GENE INFORMATION

Gene Name CLSTN3 calsyntenin 3 [Homo sapiens]

Official Symbol CLSTN3

Synonyms CLSTN3; calsyntenin 3; calsyntenin-3; cadherin related family member 14; CDHR14; CSTN3; KIAA0726; alc-beta; alcadein beta; alcadein-beta; cadherin-related family member 14; alcbeta; MGC131797; MGC138488;

Gene ID 9746

mRNA Refseq NM_014718

Protein Refseq NP_055533

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MIM	611324
UniProt ID	Q9BQT9
Chromosome Location	12p13.31
Function	calcium ion binding;

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