

Recombinant Full Length Human ECEL1 Protein, GST-tagged

Cat. No. ECEL1-4157HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human ECEL1 full-length ORF (AAH50453.2, 1 a.a. - 775 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	775 amino acids
Description	This gene encodes a member of the M13 family of endopeptidases. Members of this family are zinc-containing type II integral-membrane proteins that are important regulators of neuropeptide and peptide hormone activity. Mutations in this gene are associated with autosomal recessive distal arthrogryposis, type 5D. This gene has multiple pseudogenes on chromosome 2. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Mar 2014]
Molecular Mass	114.2 kDa
AA Sequence	MEPPYSLTAHYDEFQEVKYVSRGAGGARGASLPPGFPLGAARSATGARSGLPRW NRREVCLLSGLVFAAGLCAILAAMLALKYLGPVAAGGGACPEGCPERKAFARAARFL AANLDASIDPCQDFYSFACGGWLRRAIPDDKLTYGTTAAIGEQQNEERLRRLLARPG GGPGGAAQRKVRAFFRSCLDMREIERLGPRPMLIEVEDCGGWDLGGAEERPGVAA RWDLNRLLYKAQGVYSAAALFSLTVSLDDRNSSRYVIRIDQDGLTLPERTLYLAQDE DSEKILAAAYRVFMERVL SLLGADAVEQKAQEILQVEQQLANITVSEYDDLRRDVSSM YNKVTLGQLQKITPHLRWKWLLDQIFQEDFSEEEEVLLATDYMQQVSQLIRSTPHR

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VLHNYLVWRVVVVLSEHLSPPFREALHELAQEMEGSDKPQELARVCLGQANRHFG
 MALGALFVHEHFSAASKAKVQQLVEDIKYILGQRLEELDWMDAETRAAARAKLQYM
 MVMVGYPDFLLKPDAVDKEYEFEVHEKTYFKNILNSIRFSIQLSVKKIRQEVDKSTWL
 LPPQALNAYYLPNKNQMVFPAGILQPTLYDPDFPQSLNYGGIGTIIGHELTHGYDDW
 GGQYDRSGNLLHWWTEASYSRFLRKAECIVRLYDNFTVYNQRVNGKHTLGENIAD
 MGGLKLAYHAYQKWWREHGPEHPLPRLKYTHDQLFFIAFAQNWCIKRRSQSIYLQV
 LTKHAPHEHYRVLGVSVSQFEEFGRAFHCPCDSPMNPAAHKCSVW

Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	ECEL1 endothelin converting enzyme-like 1 [Homo sapiens]
Official Symbol	ECEL1
Synonyms	endothelin converting enzyme-like 1; 3147; Ensembl:ENSG00000171551; endothelin-converting enzyme-like 1;X converting enzyme;damage induced neuronal endopeptidase; XCE; DINE; ECEX
Gene ID	9427

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mRNA Refseq	NM_004826
Protein Refseq	NP_004817
MIM	605896
UniProt ID	O95672

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