

Recombinant Human ECE1 protein, His & T7-tagged

Cat. No. ECE1-2687H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ECE1 aa. (Leu469~Glu721 (Accession # P42892)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Leu469~Glu721
Description	The protein encoded by this gene is involved in proteolytic processing of endothelin precursors to biologically active peptides. Mutations in this gene are associated with Hirschsprung disease, cardiac defects and autonomic dysfunction. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.8kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.8.
Applications	SDS-PAGE; WB; ELISA; IP.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
GENE INFORMATION	
Gene Name	ECE1 endothelin converting enzyme 1 [Homo sapiens (human)]
Official Symbol	ECE1
Synonyms	ECE; endothelin-converting enzyme 1; ECE-1
Gene ID	1889
mRNA Refseq	NM_001113347.1
Protein Refseq	NP_001106818.1
UniProt ID	P42892