

Recombinant Human ECE1 Protein

Catalog #	Source	Reactivity	Applications
CRP2691	Human cells	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human ECE1 Protein is produced by mammalian expression system and the target gene encoding Gln90-Trp770 is expressed with a 8His tag at the N-terminus.
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Gene Symbol	ECE1
Alternative Names	Endothelin-converting enzyme 1; ECE-1
Entrez Gene	1889 (Human)
SwissProt	P42892 (Human)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	HHHHHHHHQY QTRSPSVCLS EACVSVTSSI LSSMDPTVDP CHDFFSYACG GWIKANPVDP GHSRWGTFSN LWEHNQAIK HLLNSTASV SEAERKAQVY YRACMNETRI EELRAKPLME LIERLGGWNI TGPWAKDNFQ DTLQVTAHY RTSPFFSVYV SADSKNSNSN VIQVDQSGLG LPSRDYYLNK TENEKVLTGY LNYMVQLGKL LGGGDEEAIR PQMQQILDFE TALANITIPQ EKRRDEELIY HKVTAAELQT LAPAINWLFP LNTIFYPVEI NESEPIVVYD KEYLEQISTL INTTDRCLLN NYMIWNLVRK TSSFLDQRFQ DADEKFMEVM YGTTKKTCLPR WKFCVSDTEN NLGFALGPMF VKATFAEDSK SIATEIILEI KKAFFEESLST LKWMDEETRK SAKEKADAIY NMIGYPNFIM DPKELDKVFN DYTAVPDLYF ENAMRFFNFS WRVTADQLRK APNRDQWSMT PPMVNAYYSP TKNEIVFPAG ILQAPFYTRS SPKALNFGGI GVVVGHELTH AFDDQGREYD KDGNLRPWWK NSSVEAFKRQ TECMVEQYSN YSVNGEPVNG RHTLGENIAD NGGLKAAIRA YQNWVKKNGA EHSLPTLGLT NNQLFFLGFA QVWCSVRTPE SSHEGLITDP HSPSRFRVIG SLSNSKEFSE HFRCPPGSPM NPPHKCEVW

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

Quality Control	Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in ddH ₂ O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage/Stability	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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