

Datasheet for ABIN7553774
ECE1 Protein (AA 1-770) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ECE1
Protein Characteristics:	AA 1-770
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ECE1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat ECE1 Protein expressed in mammalian cells.
Sequence:	<p>MRGVWPPPVVS ALLSALGMST YKRATLDEED LVDSLSEGD YPNGLQVNFH SPRSGQRCWA</p> <p>ARTQVEKRLV VLVVLLAAGL VACLAALGIQ YQTRSPSVCL SEACSVTSS ILSSMDPTVD</p> <p>PCHDFFSYAC GGWIKANPVP DGHSRWGTFS NLWEHNQAI KHLLNSTAS VSEAERKAQV</p> <p>YYRACMNETR IEELRAKPLM ELIERLGGWN ITGPWAKDNF QDTLQVVTAH YRTSPFFSVY</p> <p>VSADSKNSNS NVIQVDQSG LPSRDYYLN KTENEKVL TG YLNYMVQLGK LLGGGDDEAI</p> <p>RPQMQQILDF ETALANITIP QEKRRDEELI YHKVTAELQ TLAPAINWLP FLNTIFYPVE</p> <p>INESEPIVVY DKEYLEQIST LINTTDRCLL NNMIWNLVR KTSSFLDQRF QDADEKFMEV</p> <p>MYGTTKKTCLP RWKFCVSDTE NNLGFALGPM FVKATFAEDS KSIATEIILE IKKAFFESLS</p> <p>TLKWMDEETR KSAKEKADAI YNMIGYPNFI MDPKELDKVF NDYTAVPDLY FENAMRFFNF</p> <p>SWRVTDQLR KAPNRDQWSM TPPMVNAYYS PTKNEIVFPA GILQAPFYTR SSPKALNFGG</p> <p>IGVVVGHELT HAFDDQGREY DKDGNLRPWW KNSSVEAFKR QTECMVEQYS NYSVNGEPVN</p>

Product Details

GRHTLGENIA DNGGLKAAYR AYQNWVKKNG AEHSLPTLGL TNNQLFFLGF AQVWCSVRTP
ESSHEGLITD PHSPSRFRVI GSLSNSKEFS EHFRCPPGSP MNPPHKCEVW **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalian cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis). <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	ECE1
Alternative Name:	ECE1 (ECE1 Products)
Background:	Endothelin-converting enzyme 1 (ECE-1) (EC 3.4.24.71),FUNCTION: Converts big endothelin-1 to endothelin-1. {ECO:0000269 PubMed:9396733}.
Molecular Weight:	87.2 kDa
UniProt:	P42892
Pathways:	Regulation of Systemic Arterial Blood Pressure by Hormones , cAMP Metabolic Process , Regulation of G-Protein Coupled Receptor Protein Signaling

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months