

Datasheet for ABIN7557394  
**ECE1 Protein (AA 1-769) (His tag)**



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## Overview

Quantity:	1 mg
Target:	ECE1
Protein Characteristics:	AA 1-769
Origin:	Mouse
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>MRTVWSPLAA ALAALGMSTY KRATLDEEDL VDSLSEGDVY PNGLQVNFRS SRSGQRCWAA</p> <p>RTSVEKRLVV LVTLLAAGLV ACLAALGIQY QTRTPPVCLT EACVSVTSSI LNSMDPTVDP</p> <p>CQDFFSYACG GWIKANPVPD GHSRWGTFSN LWEHNQAVIK HLLNATASV SEAERKAQVY</p> <p>YRACMNETRI EELRAKPLME LIEKLGGWNI TGPWAKDNFQ DTLQVTAHY RTSPFFSVVY</p> <p>SADSKNSNSN VIQVDQSGLG LPSRDYYLNK TENEKVLTGY LNYMVQLGKL LGGGDEDAIR</p> <p>PQMQQILDFE TALANITIPQ EKRRDEELIY HKVTAELQT LAPAINWLPF LNTIFYPVEI</p> <p>NESEPIVVYD KEYLRQVSTL INNTDKCLLN NYMMWNLVRK TSSFLDQRFQ DADEKFMEVM</p> <p>YGTKKTCIPR WKFCVSDTEN NLGFALGPMF VKATFAEDSK NIASEIIMEI KKAFEESLST</p> <p>LKWMDEETRR SAKEKADAIY NMIGYPNFIM DPKELDKVFN DYTAVPDLYF ENAMRFFNFS</p> <p>WVRTADQLRK APNRDQWSMT PPMVNAYYSP TKNEIVFPAG ILQAPFYTRS SPNALNFGGI</p> <p>GVVVGHEALTH AFDDQGREYD KDGNLRPWWK NSSVEAFKQQ TECMVQQYSN YSVNGEPVNG</p>

RHTLGENIAD NGGLKAAYRA YQNWVKKNGA EQTLPTLGLT SNQLFFLGFA QVWCSVRTPE  
SSHEGLITDP HSPSRFRVIG SLSNSKEFSE HFRCPGSPM NPHHKCEVW **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"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <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
Grade:	custom-made

Target Details

Target:	ECE1
Alternative Name:	Ece1 ( <a href="#">ECE1 Products</a> )
Background:	Endothelin-converting enzyme 1 (ECE-1) (EC 3.4.24.71),FUNCTION: Converts big endothelin-1 to endothelin-1. {ECO:0000250}.
Molecular Weight:	87.1 kDa
UniProt:	<a href="#">Q4PZA2</a>
Pathways:	<a href="#">Regulation of Systemic Arterial Blood Pressure by Hormones</a> , <a href="#">cAMP Metabolic Process</a> , <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a>

## 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