

Datasheet for ABIN7561715
ECEL1 Protein (AA 1-775) (His tag)



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Overview

Quantity:	1 mg
Target:	ECEL1
Protein Characteristics:	AA 1-775
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ECEL1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Ecel1 Protein expressed in mammalien cells.
Sequence:	<p>MEAPYSMTAH YDEFQEVKYV SRCGTGGARG TSLPPGFPRG SGRSASGSRS GLPRWNRREV</p> <p>CLLSGLVFAA GLCAILAAML ALKYLGPAA GGGGACPEGC PERKAFARAA RFLSANLDAS</p> <p>IDPCQDFYSF ACGGWLRRHA IPDDKLTGYT IAAIGEQNEE LRRLLARPT GPGGAAQRK</p> <p>VRAFFRSCLD MREIERLGPR PMLEVIEDCG GWDLGGAADR PGAARWDLNR LLYKAQGVYS</p> <p>AAALFSLTVS LDDRNSSRYV IRIDQDGLTL PERTLYLAQD EESEKILAAY RVFMQRLLRL</p> <p>LGADAVEQKA QEILQLEQRL ANISVSEYDD LRRDVSSAYN KVTLGQLQKI IPHLQWKWLL</p> <p>DQIFQEDFSE EEEVVLLATD YMQQVSQLIR STPRRILHNY LVWRVVVLS EHLSSPFREA</p> <p>LHELAKEMEG NDKPQELARV CLGQANRHFG MALGALFVHE HFSAASKAKV QQLVEDIKYI</p> <p>LGQRLELDW MDAQTKAAAR AKLQYMMVMV GYPDFLLKPE AVDKEYEFEV HEKTYFKNIL</p> <p>NSIRFSIQLS VKKIRQEVDK SSWLLPPQAL NAYYLPNKNQ MVFPAGILQP TLYDPDFPQS</p> <p>LNYGGIGTII GHEALTHGYDD WGGQYDRSGN LLHWWTETSY SHFLRKAECI VRLYDNFTVY</p>

NQRVNGKHTL GENIADMGGL KLAYYAYQKW VREHGPEHPL HRLKYTHNQL FFIAFAQNWC
IKRRSQSIYL QVLTDKHAPE HYRVLGVSQ FEEFGRAFHC PKDSPMNPVH KCSVW **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:	ECEL1
Alternative Name:	Ecel1 (ECEL1 Products)
Background:	Endothelin-converting enzyme-like 1 (EC 3.4.24.-) (Damage-induced neuronal endopeptidase) (Xce protein),FUNCTION: May contribute to the degradation of peptide hormones and be involved in the inactivation of neuronal peptides.
Molecular Weight:	88.0 kDa
UniProt:	Q9JMI0

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