

Datasheet for ABIN7559858
EPSTI1 Protein (AA 1-314) (His tag)



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Overview

Quantity:	1 mg
Target:	EPSTI1
Protein Characteristics:	AA 1-314
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EPSTI1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Epsti1 Protein expressed in mammalien cells.
Sequence:	MYTRSKVVGP GLGTSSISRD HAGAGQRREL GLQQNRRQSL EVAAPEGPKM ERQGHADQGS AGTYTLIAPN ESRRQKIQR I AEQELADLER WKQQNRAKPV YLVPQRLGGS QSEAEVRQKQ QLQQMRSKYQ QKLKRDESIR IRKEAEEAKF QKMKAIQREK SNKLEEKKQL QEDIRRATFR EHHQSKTAE LLSRLDTERRN RSACLIAPPA TQSSRWKLPV LLRDPSWAGS QAHRDSPQKE DNPRLQKTRD GHQKNKLL ET KGQHQQEEERA QIHQAEHWRV NNAFLDRLQG KSQPGGLEQS GGCCNMNSTD SWGL 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:	Key Benefits: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- 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).

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.

If you are not interested in a full length protein, please contact us for individual protein fragments.

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.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	EPST11
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Alternative Name:	Epsti1 (EPST11 Products)
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Background:	Epithelial-stromal interaction protein 1,FUNCTION: Plays a role in M1 macrophage polarization and is required for the proper regulation of gene expression during M1 versus M2 macrophage differentiation (PubMed:29217193). Might play a role in RELA/p65 and STAT1 phosphorylation and nuclear localization upon activation of macrophages (PubMed:29217193). {ECO:0000269 PubMed:29217193}.
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Molecular Weight:	36.1 kDa
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UniProt:	Q8VDI1
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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