

Datasheet for ABIN7546706
EBF4 Protein (AA 1-602) (His tag)



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Overview

Quantity:	1 mg
Target:	EBF4
Protein Characteristics:	AA 1-602
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EBF4 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat EBF4 Protein expressed in mammalian cells.
Sequence:	<p>MFPAQDALPR SGLNLKEEPL LPAGLGSVRS WMQGAGILDA STAAQSGVGL ARAHFEKQPP</p> <p>SNLRKSNFFH FVLAMYDRQG QPVEVERTAF IDFVEKDREP GAEKTNNGIH YRLRLVYNG</p> <p>LRTEQDLYVR LIDSMKQAI IYEGQDKNPE MCRVLLTHEI MCSRCCDRKS CGNRNETPSD</p> <p>PVIIDRFFLK FFLKCNQNCL KNAGNPRDMR RFQVVVSTTV SVDGHVLAVS DNMFVHNNSK</p> <p>HGRRARRLDP SEAAATPCIKA ISPGEGWTTG GATVIVIGDN FFDGLQVVFG NVLVWSELIT</p> <p>PHAIRVQTPP RHIPGVVEVT LSYKSKQFCK GCPGRFVYTA LNEPTIDYGF QRLQKVIPRH</p> <p>PGDPERLPKE VLLKRAADLA EALYGVPGSN QELLLKRAAD VAEALYSTPR APGPLAPLAP</p> <p>SHPHPAVVGI NAFSSPLAIA VGDATPGPEP GYARSCSSAS PRGFAPSPGS QQSGYGGGLG</p> <p>AGLGGYGAPG VAGLGVPGSP SFLNGSTATS PFAIMPSSPP LAAASSMSLP AAAPTTSVFS</p> <p>FSPVNMISAV KQRSAPFAPVL RPPSSPPQAC PRAHGEGLPD QSFEDSDKFH SPARGLQGLA YS</p> <p>Sequence without tag. The proposed Purification-Tag is based on experiences with the</p>

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

Target Details

Target:	EBF4
Alternative Name:	EBF4 (EBF4 Products)
Background:	<p>Transcription factor COE4 (Early B-cell factor 4) (EBF-4) (Olf-1/EBF-like 4) (O/E-4) (OE-4),FUNCTION: Transcription factor (PubMed:35939714). Binds to specific sequence motif 5'-CCCNNG[GA]G-3' in regulatory elements of putative target immunoregulatory genes such as NKG7, GZMA, and TBX21 (PubMed:35939714). Positively modulates transcription of NKG7 (PubMed:35939714). May play a role in regulating FAS/CD95-mediated apoptosis in cytotoxic NK cells and T-cells, probably downstream of interleukin IL2 signaling (PubMed:35939714). {ECO:0000269 PubMed:35939714}.</p>
Molecular Weight:	64.5 kDa
UniProt:	Q9BQW3

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.

Restrictions: For Research Use only

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