

Datasheet for ABIN7546705
EBF2 Protein (AA 1-575) (His tag)



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Overview

Quantity:	1 mg
Target:	EBF2
Protein Characteristics:	AA 1-575
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EBF2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat EBF2 Protein expressed in mammalian cells.
Sequence:	<p>MFGIQDTLGR GPTLKEKSLG AEMDSVRSWV RNVGVVDANV AAQSGVALSR AHFEKQPPSN</p> <p>LRKSNFFHFV LALYDRQQP VEIERTA FVD FVENDKEQGN EKTNNNGTHYK LQLLYSNGVR</p> <p>TEQDLYVRLI DSVTKQPIAY EGQNKNP EMC RVLLTHEVMC SRCCEKKSCG NRNETPSDPV</p> <p>IIDRFFLKFF LKCNQNC LKT AGNPRDMRRF QVVLSTTVNV DGHVLAVSDN MFVHNNSKHG</p> <p>RRARRLD PSE ATPCIKAISP SEGWTTGGAM VIIIGDNFFD GLQVVF GTML VVSELITPHA</p> <p>IRVQT PPRHI PGVVEV TSY KSKQFCKGAP GRFIYTALNE PTIDYGFQRL QKVIPRHPGD</p> <p>PERLAKEMLL KRAADLVEAL YGTPHNNQDI ILKRAADIAE ALYSVPRNPS QLPALSSSPA</p> <p>HSGMMGINSY GSQLGV SISE STQGNNQGYI RNTSSISPRG YSSSSTPQQS NYSTSSNSMN</p> <p>GYSNVPMANL GVPGPS GFLN GSPTGSPYGI MSSSPTVGSS STSSILPFSS SVFPAVKQKS</p> <p>AFAPVIRPQG SPSPACSSGN GNGFRAMTGL VVPPM Sequence without tag. The proposed</p> <p>Purification-Tag is based on experiences with the expression system, a different complexity</p>

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
Grade:	custom-made

Target Details

Target:	EBF2
Alternative Name:	EBF2 (EBF2 Products)
Background:	<p>Transcription factor COE2 (Early B-cell factor 2) (EBF-2),FUNCTION: Transcription factor that, in osteoblasts, activates the decoy receptor for RANKL, TNFRSF11B, which in turn regulates osteoclast differentiation. Acts in synergy with the Wnt-responsive LEF1/CTNNB1 pathway. Recognizes variations of the palindromic sequence 5'-ATTCCCNNGGAATT-3' (By similarity). {ECO:0000250}.</p>
Molecular Weight:	62.7 kDa
UniProt:	Q9HAK2

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies
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Application Details

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