

Datasheet for ABIN7562207
EBF2 Protein (AA 1-575) (His tag)



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Overview

Quantity:	1 mg
Target:	EBF2
Protein Characteristics:	AA 1-575
Origin:	Mouse
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 GPALKDKSLG 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 LKCNQNCLKT AGNPRDMRRF QVVLSTTVNV DGHVLAVSDN MFVHNNSKHG</p> <p>RRARRLDPSE ATPCIKAISP SEGWTTGGAM VIIIGDNFFD GLQVVF GTML VWSELITPHA</p> <p>IRVQTTPRHI PGVVEVTL SY KSKQFCKGAP GRFIYTALNE PTIDYGFQRL QKVIPRHPGD</p> <p>PERLAKEMLL KRAADLVEAL YGTPHNNQDI ILKRAADIAE ALYSVPRNPS QIPALSSSPA</p> <p>HSGMMGINSY GSQLGV SISE STQGNNQGYI RNTSSISPRG YSSSSTPQQS NYSTSSNSMN</p> <p>GYSNVPMANL GVPGPSGFLN 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>
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) (Metencephalon-mesencephalon-olfactory transcription factor 1) (MET-mesencephalon-olfactory TF1) (MET-mesencephalon-olfactory transcription factor 1) (Olf-1/EBF-like 3) (O/E-3) (OE-3),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'-ATTCCCNNGGGAATT-3'.</p> <p>{ECO:0000269 PubMed:16326388}.</p>
Molecular Weight:	62.6 kDa
UniProt:	O08792

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