

Datasheet for ABIN7556884

EMX1 Protein (AA 1-257) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	EMX1
Protein Characteristics:	AA 1-257
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EMX1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Emx1 Protein expressed in mammalien cells.
Sequence:	MFQPAAKRGF TIESLVAKDG GTGGSPGSGG AGSHPLAVAA SEEPLRPTAL NYPHPSAAET AFVSGFPAAA AAGAGRSLYG GPELVFPEAM NHPALTVHPA HQLGSSSLQP PHSFFSAQHR DPLHFYPWVL RNRFFGHRFQ ASDVPQDGLL LHGPFARKPK RIRTAFPSQ LLRLERAFEK NHYVVGAERK QLAGSLSLSE TQVKVWFQNR RTKYKRQKLE EEGPESEQKK KGSHHINRWR IATKQANGED IDVTSND 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: • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalien cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and

Product Details

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:	EMX1
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Alternative Name:	Emx1 (EMX1 Products)
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Background:	Homeobox protein EMX1 (Empty spiracles homolog 1) (Empty spiracles-like protein 1),FUNCTION: Transcription factor, which in cooperation with EMX2, acts to generate the boundary between the roof and archipallium in the developing brain. May function in combinations with OTX1/2 to specify cell fates in the developing central nervous system. {ECO:0000269 PubMed:1353865, ECO:0000269 PubMed:15147765}.
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Molecular Weight:	28.2 kDa
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UniProt:	Q04742
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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