

Datasheet for ABIN7553854
EOMES Protein (AA 1-686) (His tag)



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Overview

Quantity:	1 mg
Target:	EOMES
Protein Characteristics:	AA 1-686
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EOMES protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat EOMES Protein expressed in mammalian cells.
Sequence:	<p> MQLGEQLLVS SVNLPGAHFY PLESARGGSG GSAGHLPSAA PSPQKLDLDK ASKKFSGSLS CEAVSGEPAA ASAGAPAAML SDTDAGDAFA SAAAVAKPGP PDGRKGSPCG EEELPSAAAA AAAAAAAAA TARYSMDLS SERYYLQSPG PQGSELAAPC SLFPYQAAAG APHGPVYPAP NGARYPYGSM LPPGGFPAAV CPPGRAQFGP GAGAGSGAGG SSGGGGGPGT YQYSQGAPLY GPYPGAAAAG SCGGLGGLGV PGSGFRAHVY LCNRPWLKF HRHQTEMIIT KQGRRMFPFL SFNINGLNPT AHYNVFVEVV LADPNHWRFQ GKKWVTCGKA DNNMQGNKMY VHPESPNTGS HWMRQEISFG KLKLTNNKGA NNNNTQMIVL QSLHKYQPR L HIVEVTEGVD EDLNEPSKTQ TFTFSETQFI AVTAYQNTDI TQLKIDHNP AKGFRDNYDS SHQIVPGGRY GVQSFFPEPF VNTLPQARYY NGERTVPQTN GLLSPQQSEE VANPPQRWL VTPVQQPGTNK LDISSYESEY TSSTLLPYGI KSLPLQTSHA LGYYPDPTFP AMAGWGGRGS YQRKMAAGLP WTSRTSPTVF SEDQLSKEKV KEEIGSSWIE TPPSIKSLDS NDSGVYTSAC KRRRLSPSNS SNENSPSIK </p>

EDINAEYYSK DTSKGMGGYY AFYTTP **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:	<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:	EOMES
Alternative Name:	EOMES (EOMES Products)
Background:	<p>Eomesodermin homolog (T-box brain protein 2) (T-brain-2) (TBR-2),FUNCTION: Functions as a transcriptional activator playing a crucial role during development. Functions in trophoblast differentiation and later in gastrulation, regulating both mesoderm delamination and endoderm specification. Plays a role in brain development being required for the specification and the proliferation of the intermediate progenitor cells and their progeny in the cerebral cortex. Also involved in the differentiation of CD8+ T-cells during immune response regulating the expression of lytic effector genes. {ECO:0000269 PubMed:17353897, ECO:0000269 PubMed:17566017}.</p>
Molecular Weight:	72.7 kDa

Target Details

UniProt:	O95936
Pathways:	Stem Cell Maintenance

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