

Product datasheet for TP321014L

EOMES (NM_005442) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human eomesodermin (EOMES), full length, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC221014 representing NM_005442 Red=Cloning site Green=Tags(s) <p> MQLGELLVSSVNLPGAHFYPLESARGGSGGSAGHLPSPAAPSPQKLDLKDASKKFSGLSCEAVSGEPAA ASAGAPAAMLSDTDAGDAFASAAAVAKPGPPDGRKGSPCGEEELPSAAAAAAAAAAAAAAAAATARYSMDLSL SERYYLQSPGPQGSELAAPCSLFPYQAAAGAPHGVPYPAPNGARYPYGSMLPPGGFPAAVCPPGRAQFGP GAGAGSGAGGSSGGGGPGTYQYSQGAPLYGYPGAAAAGSCGGLGGLGVPGSGFRAHVYLCNRPLWLKF HRHQTEMIITKQRRMFPFLSFNINGLNPTAHYNVFEVVLADPNHWRFQGGKWVTCGKADNNMQGNKMY VHPESPNTGSHWMRQEISFGKCLKLTNNKGANNNTQMIVLQSLHKYQPRHLHIVEVTEDEGVEDLNESKTK TFTFSETQFIAVTAYQNTDITQLKIDHNPFKAGFRDNYSSHQIVPGGRYGVQSFFPEPFVNTLPQARYY NGERTVPQTNGLLSPQQSEEVANPPQRWLVTPVQQPGTNKLDISSYESEYTSSTLLPYGIKSLPLQTS HAGYYPDPTFAMAGWGGRGSYQRKMAAGLPWTSRTSPTVFSQDLSKEKVKKEIGSSWIETPPSIKSLDS NDSGVYTSACKRRRLSPSNSSNENSPSIKCEDINAEYSKDTSKGMGGYYAFYTPP TRTRPLEQKLISEEDLAANDILDYKDDDDKV </p>
Tag:	Myc-DDK
Predicted MW:	72.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



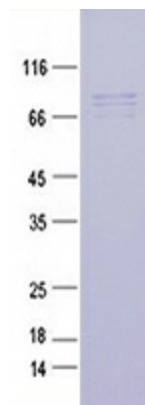
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RefSeq: [NP_005433](#)
Locus ID: 8320
UniProt ID: [O95936](#), [B7Z4K0](#)
RefSeq Size: 2756
Cytogenetics: 3p24.1
RefSeq ORF: 2058
Synonyms: TBR2

Summary: This gene belongs to the TBR1 (T-box brain protein 1) sub-family of T-box genes that share the common DNA-binding T-box domain. The encoded protein is a transcription factor which is crucial for embryonic development of mesoderm and the central nervous system in vertebrates. The protein may also be necessary for the differentiation of effector CD8+ T cells which are involved in defense against viral infections. A similar gene disrupted in mice is shown to be essential during trophoblast development and gastrulation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2013]

Protein Families: Embryonic stem cells, ES Cell Differentiation/IPS, Transcription Factors

Product images:



Coomassie blue staining of purified EOMES protein (Cat# [TP321014]). The protein was produced from HEK293T cells transfected with EOMES cDNA clone (Cat# [RC221014]) using MegaTran 2.0 (Cat# [TT210002]).