

Recombinant Human EOMES Protein, His-tagged

Cat. No. EOMES-389H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human EOMES fused with His tag at N-terminal was expressed in E. coli.

Species Human

Source E.coli

Description 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.

Form 50mM Tris, 8M Urea, pH8.0.

Molecular Mass 72.6 kDa

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	EOMES eomesodermin [Homo sapiens]
Official Symbol	EOMES
Synonyms	EOMES; eomesodermin; eomesodermin (Xenopus laevis) homolog; eomesodermin homolog; T box brain2; TBR2; TBR-2; T-brain-2; T-box brain2; t box, brain, 2; T-box brain protein 2;
Gene ID	8320
mRNA Refseq	NM_005442
Protein Refseq	NP_005433
MIM	604615
UniProt ID	O95936

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