

Recombinant Human EOMES Protein, GST-tagged

Cat. No. EOMES-3344H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EOMES partial ORF (NP_005433, 547 a.a. - 645 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, May 2013]
Molecular Mass	36.63 kDa
AA Sequence	PYGIKSLPLQTSHALGYYPDPTFPAMAGWGGRGSYQRKMAAGLPWTSRTSPTVFS EDQLSKEKVKEEIGSSWIETPPSIKSLDSNDSGVYTSACKRRRL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

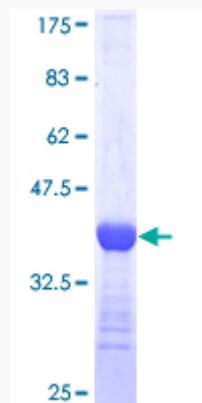
Gene Name	EOMES eomesodermin [Homo sapiens]
Official Symbol	EOMES
Synonyms	EOMES; eomesodermin; eomesodermin (Xenopus laevis) homolog; eomesodermin homolog; T box brain2; TBR2; TBR-2; T-brain-2; T-box brain2; t box, brain, 2; T-box brain protein 2;
Gene ID	8320
mRNA Refseq	NM_005442
Protein Refseq	NP_005433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

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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