

## Recombinant Human EOMES Protein, GST-tagged

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

### SPECIFICATION

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

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

## GENE INFORMATION

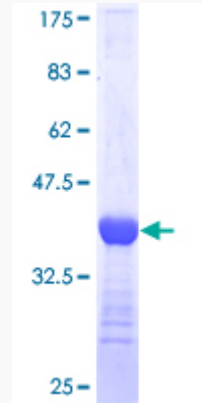
<b>Gene Name</b>	EOMES eomesodermin [ Homo sapiens ]
<b>Official Symbol</b>	EOMES
<b>Synonyms</b>	EOMES; eomesodermin; eomesodermin (Xenopus laevis) homolog; eomesodermin homolog; T box brain2; TBR2; TBR-2; T-brain-2; T-box brain2; t box, brain, 2; T-box brain protein 2;
<b>Gene ID</b>	8320
<b>mRNA Refseq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

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**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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