

Recombinant Full Length Human EYA2 Protein, GST-tagged

Cat. No. EYA2-4457HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EYA2 full-length ORF (NP_005235.3, 1 a.a. - 538 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	538 amino acids
Description	This gene encodes a member of the eyes absent (EYA) family of proteins. The encoded protein may be post-translationally modified and may play a role in eye development. A similar protein in mice can act as a transcriptional activator. Alternative splicing results in multiple transcript variants, but the full-length nature of all of these variants have not yet been determined. [provided by RefSeq, Jul 2009]
Molecular Mass	85.6 kDa
AA Sequence	MVELVISPSLTVNSDCLDKLKFNRAA VWTLSDRQGITKSAPLRVSQ LFSRSCPRV LPRQPSTAMAA YGQTQYSAGIQQATPYTAYPPPAQAYGIPSYSIKTEDSLNHSPGQS GFLSYGSSFSTSP TGQSPYTYQMHGTTGFYQGGNGLGNAAGFGSVHQDYPSPYG FPQSQYPQYYGSSYNPPYVPASSICPSPLSTSTYVLQEASHNVPNQSSESLAGEYN THNGPSTPAKEGDTDRPHRASDGKLRGRSKRSSDPSPAGDNEIERVFVWDLDETIII FHSLLTGTFASRYGKDTTTSVRIGLMMEEMIFNLADTHLFFNDLED CDQIHVDDVSS DDNGQDLSTYNFSADGFHSSAPGANLCLGSGVHGGVDWMRKLAFRYRRVKEMYN TYKNNVGGLIGTPKRETWLQLRAELEALTDLWLTHSLKALNLINSRPNVCNVLVTTTQ

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	LIPALAKVLLYGLGSVFPIENIYSATKTGKESCFERIMQRFGRKAVYVVIGDGVVEEQ GAKKHNPFWRISCHADLEALRHALELEYL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
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	EYA2 eyes absent homolog 2 (Drosophila) [Homo sapiens]
Official Symbol	EYA2
Synonyms	EYA2; eyes absent homolog 2 (Drosophila); eyes absent (Drosophila) homolog 2; eyes absent homolog 2; EAB1; MGC10614;
Gene ID	2139
mRNA Refseq	NM_005244
Protein Refseq	NP_005235
MIM	601654

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UniProt ID

O00167

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