

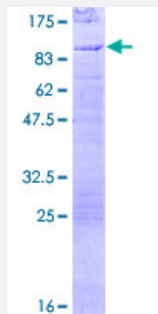
Full-Length

EYA2 (Human) Recombinant Protein (P01)

Catalog # H00002139-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human EYA2 full-length ORF (NP_005235.3, 1 a.a. - 538 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MVELVISPSLTVNSDCLDKLKFNRADAADVWTLSDRQGITSAPLRVSQFLFSRSCPRVLPRQPSTA
MAAYGQTQYSAGIQQATPYTAYPPPAQAYGIPSYSIKTEDSLNHSPGQSGFLSYGSSFSTPTGQS
PYTYQMHGTTGFYQGGNGLGNAAGFGSVHQDYPSYPGFPQSQYPQYYGSSYNPPYVPASSICPS
PLSTSTYVLQEASHNVPNQSSSESLAGEYNTHNGPSTPAKEGDTDRPHRASDGKLRGRSKRSSD
PSPAGDNEIERVFVWDLDETHFHSLLTGTFASRYGKDTTTSVRIGLMMEEMIFNLADTHLFFNDLE
DCDQIHVDDVSSDDNGQDLSTYNFSADGFHSSAPGANLCLGSGVHGGVDWMRKLAFRYRRVK
EMYNTYKNNVGGLIGTPKRETWLQLRAELEALTDLWLTHSLKALNLINSRPNCVNVLVTTTQLIPAL
AKVLLYGLGSVFPIENIYSATKTGKESCFERIMQRFGRKAVYVVIGDGVVEEQGAKKHNMFPWRIS
CHADLEALRHALELEYL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

85.6

Interspecies Antigen Sequence

Mouse (88); Rat (87)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — EYA2

Entrez GeneID	2139
GeneBank Accession#	NM_005244.3
Protein Accession#	NP_005235.3
Gene Name	EYA2
Gene Alias	EAB1, MGC10614
Gene Description	eyes absent homolog 2 (Drosophila)
Omim ID	601654
Gene Ontology	Hyperlink
Gene Summary	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 has not yet been determined. [provided by RefSeq]
Other Designations	OTTHUMP00000031666 eyes absent 2 translation of this uORF probably lowers the translation efficiency of EYA2

Disease

- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Tobacco Use Disorder](#)