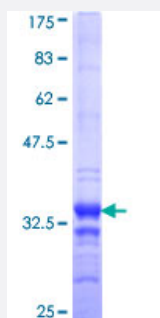


EYA1 (Human) Recombinant Protein (Q01)

Catalog # H00002138-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human EYA1 partial ORF (NP_000494, 100 a.a. - 170 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	TPSSQTMAAYGQTQFTTGMQQATAYATYPQPGQPYGISSYGALWAGIKTEGGLSQSQSPGQTGFLSYGTSF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	33.55
Interspecies Antigen Sequence	Mouse (92)
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 — EYA1

Entrez GeneID	2138
GeneBank Accession#	NM_000503
Protein Accession#	NP_000494
Gene Name	EYA1
Gene Alias	BOP, BOR, MGC141875
Gene Description	eyes absent homolog 1 (Drosophila)
Omim ID	113650 166780 601653
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the eyes absent (EYA) family of proteins. The encoded protein may play a role in the developing kidney, branchial arches, eye, and ear. Mutations of this gene have been associated with branchiootorenal dysplasia syndrome, branchiootic syndrome, and sporadic cases of congenital cataracts and ocular anterior segment anomalies. A similar protein in mice can act as a transcriptional activator. Four transcript variants encoding three distinct isoforms have been identified for this gene. [provided by RefSeq]
Other Designations	Eyes absent, Drosophila, homolog of, 1 Melnick-Fraser syndrome OTTHUMP00000195053 eyes absent 1

Disease

- [Celiac Disease](#)
- [Cleft Lip](#)

- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)