

Recombinant Human EYA1 Protein, GST-tagged

Cat. No. EYA1-3590H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EYA1 full-length ORF (BAG54573.1, 1 a.a. - 470 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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. Alternatively spliced transcript variants have been identified for this gene. [provided by RefSeq, Dec 2013]
Molecular Mass	78.2 kDa
AA Sequence	MQQATAYATYPQPGQPYGISSYGIKTEGGLSQSQSPGQTGFLSYGTSFSTPQPGQ APYSYQMQGSSFTTSSGIYTGNNSLTNSSGFNSSQQDYPSYPSFGQGQYAQYYNS SPYPAHYMTSSNTSPTTPSTNATYQLQEPPSGITSQAVTDPTAEYSTIHSPSTPIKDS DSDRLRRGSDGKSRGRGRSNNPSPPPDSDLERVFIWDLDETIIVFHSLLTGSYANR YGRDPPTS VSLGLRMEEMIFNLADTHLFFNDLEECDQVHIDDVSSDDNGQDLSTYN FGTDGFPA AATSANLCLATGVRGGVDWMRKLAFRYRRVKEIYNTYKNNVGGLLGPA KREAWLQLRAEIEALTDSWLTALKALSLIHSRTNCVNILVTTTQLIPALAKVLLYGLGI

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	VFPIENIYSATKIGKESCFERIIQRFGRKVYVYVIGDGVVEEQGAKKHAMPFWRISSH SDLMALHHALELEYL
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	EYA1 eyes absent homolog 1 (Drosophila) [Homo sapiens]
Official Symbol	EYA1
Synonyms	EYA1; eyes absent homolog 1 (Drosophila); BOR, eyes absent (Drosophila) homolog 1; eyes absent homolog 1; BOP; BOR; MGC141875;
Gene ID	2138
mRNA Refseq	NM_000503
Protein Refseq	NP_000494
MIM	601653

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UniProt ID

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