

Recombinant Full Length Human EYA1 Protein, GST-tagged

Cat. No. EYA1-4456HF **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	In Vitro Cell Free System
ProteinLength	470 amino acids
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	MQQATAYATYPQPGQPYPYGISSYGIKTEGGLSQSQSPGQTGFLSYGTSFSTPQPGQ APYSYQMQGSSFTTSSGIYTGNNSLTNSSGFNSSQQDYPSYPSFGQGQYAQYYNS SPYPAHYMTSSNTSPTTPSTNATYQLQEPPSGITSQAVTDPTAEYSTIHSPSTPIKDS DSDRLRRGSDGKSRGRGRRSNNPSPPPDSDLERVFIWDLDETIIVFHSLLTGSYANR YGRDPPTSVSLGLRMEEMIFNLADTHLFFNDLEECDQVHIDDVSSDDNGQDLSTYN FGTDGFPAAATSANLCLATGVRGGVDWMRKLAFRYRRVKEIYNTYKNNVGGLLGPA

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KREAWLQLRAEIEALTDSWLTLALKALSLIHSRTNCVNILVTTTQLIPALAKVLLYGLGI
VFPIENIYSATKIGKESCFERIIQRFGRKVVYVIGDGVEEEQGAKKHAMPFWRISSH
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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