

Recombinant Human EYA3 Protein, GST-tagged

Cat. No. EYA3-3593H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EYA3 full-length ORF (ABZ92386.1, 1 a.a. - 536 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 act as a transcriptional activator and have a role during development. It can act as a mediator of chemoresistance and cell survival in Ewing sarcoma cells, where this gene is up-regulated via a micro-RNA that binds to the 3' UTR of the transcript. A similar protein in mice acts as a transcriptional activator. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Sep 2013]
Molecular Mass	59 kDa
AA Sequence	MEEEQDLPEQPVKKAKMQESGEQTISQVSNPDVSDQKPETSSLASNLPMSEEIMTC TDYIPRSSNDYTSQMYSAPYAHILSVPVSETAYPGQTQYQTLQQTQPYAVYPQAT QTYGLPPFASSTNASLISTSSTIANIPAAAVASISNQDYPTYTILGQNQYQACYPSSSF GVTGQTNSDAESTTLAATTYQSEKPSVMAPAPAAQRLSSGDPSTSPSLSQTTPSKD TDDQSRKNMTSKNRGKRKADATSSQDSELERVFLWDLDETIIFHSLLTGSYAQKYG KDPTVVIGSGLTMEEMIFEVADTHLFFNDLEECDQVHVEDVASDDNGQDLSNYSFST DGFSGSGGSGSHGSSVGQGGVDWMRKLAFRYRKVREIYDKHKSNVGGLLSPQR

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KEALQRLRAEIEVLTD SWLGTALKSLLLIQSRKNCVNLITTTQLVPALAKVLLYGLGEI
FPIENIYSATKIGKESCFERIVSRFGKKVTYVVIGDGRDEEIAAKQQLYFLDMEALGCQ
LEPTALILFIQLSGNLSNYNKL

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

EYA3 eyes absent homolog 3 (Drosophila) [Homo sapiens]

Official Symbol

EYA3

Synonyms

EYA3; eyes absent homolog 3 (Drosophila); eyes absent (Drosophila) homolog 3;
eyes absent homolog 3; DKFZp686C132; eyes absent 3;

Gene ID

2140

mRNA Refseq

NM_001990

Protein Refseq

NP_001981

MIM

601655

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UniProt ID

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