



# Recombinant Human Eyes absent homolog 1 (EYA1)

<b>Product Code</b>	CSB-EP857862HU
<b>Abbreviation</b>	EYA1
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q99502
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MEMQDLTSPH SRLSGSSESP SGPKLGNSHI NSNSMTPNGT EVKTEPMSSS ETASTTADGS LNNFSGSAIG SSSFSPRPTH QFSPPQIYPS NRPYPHILPT PSSQTMAAYG QTQFTTGMQQ ATAYATYPQP GQPYGISSYG ALWAGIKTEG GLSQSQSPGQ TGFLSYGTSF STPQPGQAPY SYQMQGSSFT TSSGIYTGNN SLTNSSGFNS SQQDYPSPS FGQGQYAQYY NSSPYPAHYM TSSNTSPPTP STNATYQLQE PPSGITSQAV TDPTAEYSTI HSPSTPIKDS DSDRLRRGSD GKSRGRGRRN NNPSPPDSD LERVFIWDL D ETIIVFHSL TGSYANRYGR DPPTSVSLGL RMEEMIFNLA DTHLFFNDLE ECDQVHIDDV SSDDNGQDLS TYNFGTDGFP AAATSANLCL ATGVRGGVDW MRKLAFRYRR VKEIYNTYKN NVGGLLPAK REAWLQLRAE IEALDTSWLT LALKALSLIH SRTNCVNILV TTTQLIPALA KVLlyGLGIV FPIENIYSAT KIGKESCFER IIQRFGRKVV YVVGIDGVEE EQGAKKHAMP FWRISHS DL MALHHALELE YL
<b>Source</b>	E.coli
<b>Target Names</b>	EYA1
<b>Protein Names</b>	Recommended name: Eyes absent homolog 1 EC= 3.1.3.48
<b>Expression Region</b>	1-592
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.



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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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