



# Recombinant Human Eyes absent homolog 4 (EYA4)

<b>Product Code</b>	CSB-EP007909HU-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O95677
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	<p>MEDSQDLNEQ SVKKTCTESD VSQSQNSRSM EMQDLASPHT  LVGGGDTPGS SKLEKSNLSS TSVTTNGTGG ENMTVLNTAD WLLSCNTPSS  ATMSLLAVKT EPLNSSETTA TTGDGALDTF TGSVITSSGY SPRSAHQYSP  QLYPSKPYPH ILSTPAAQTM SAYAGQTQYS GMQQPAVYTA YSQTGQPYSL  PTYDLGVMLP AIKTESGLSQ TQSPLQSGCL SYSPGFSTPQ PGQTPYSYQM  PGSSFAPSST IYANNSVSNS TNFSGSQQDY PSYTAFGQNNQ YAQYYSASTY  GAYMTSNNTA DGTPSSTSTY QLQESLPGLT NQPGEFDTMQ SPSTPIKDL  ERTCRSSGSK SRGRGRKNNP SPPDSDLER VFWWDLDETI IVFHSLLTGS  YAQKYGKDPP MAVTLGLRME EMIFNLADTH LFFNDLEECD QVHIDDVSSD  DNGQDLSTYS FATDGFHAAA SSANLCLPTG VRGGVDWMRK LAFRYRRVKE  LYNTYKNNVG GLLGPAKRDA WLQLRAEIEG LTDSWLTNAL KLSIISTRS  NCINVLVTTT QLIPALAKVL LYSLGGAFPI ENIYSATKIG KESCFERIMQ  RFGRKVYVVV IGDGVEEEQA AKKHNMFWR ISSHSDLLAL HQALELEYL</p>
<b>Source</b>	E.coli
<b>Target Names</b>	EYA4
<b>Protein Names</b>	Recommended name: Eyes absent homolog 4 EC= 3.1.3.48
<b>Expression Region</b>	1-639
<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>	<p>This gene encodes a member of the eyes absent (EYA) family of proteins. The encoded protein may act as a transcriptional activator through its protein phosphatase activity, and it may be important for eye development, and for continued function of the mature organ of Corti. Mutations in this gene are associated with postlingual, progressive, autosomal dominant hearing loss at the deafness, autosomal dominant nonsyndromic sensorineural 10 locus. Defects in this gene are also associated with dilated cardiomyopathy 1J. Three transcript variants encoding distinct isoforms have been identified for this gene.</p>
<b>Reconstitution</b>	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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**Shelf Life**

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.