



Recombinant Human Eyes absent homolog 4 (EYA4)

Product Code	CSB-EP007909HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O95677
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	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 PSYTAFGQNQ YAQYYSASTY GAYMTSNNTA DGTPSSTSTY QLQESLPGLT NQPGEFDTMQ SPSTPIKDLD ERTCRSSGSK SRGRGRKNNP SPPDSDLER VFWWLDDETI IVFHSLTGS YAQKYGKDPV MAVTLGLRME EMIFNLADTH LFFNDLEECD QVHIDDVSSD DNGQDLSTYS FATDGFHAAA SSANLCLPTG VRGGVDWMRK LAFRYRRVKE LYNTYKNNVG GLLGPAKRDA WLQLRAEIEG LTDSWLTNAL KLSIISTRS NCINVLVTTT QLIPALAKVL LYSLGGAFPI ENIYSATKIG KESCFERIMQ RFGRKVYVVV IGDGVEEEQA AKKHNMFWR ISSHSDLLAL HQALELEYL
Source	E.coli
Target Names	EYA4
Protein Names	Recommended name: Eyes absent homolog 4 EC= 3.1.3.48
Expression Region	1-639
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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.
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.

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.