

Recombinant Human EYA2 protein, His-tagged

Cat. No. EYA2-3101H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EYA2 protein(241-583 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	241-583 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	LSYGSSFSTSPGTGQSPYTYQMHGTTGFYQGGNGLGNAAGFGSVHQDYPSPYPGFP QSQYPQYYGSSYNPPYVPASSICPSPLSTSTYVLQEASHNVPNQSSESLAGEYNTH NGPSTPAKEGDTDRPHRASDGKLRGRSKRSSDPSPAGDNEIERVFVWDLDETIIFH SLLTGTFASRYGKDTTTSVRIGLMMMEEMIFNLADTHLFFNDLEDQIHVDDVSSDD NGQDLSTYNFSADGFHSSAPGANLCLGSGVHGGVDWMRKLAFRYRRVKEMYNTY KNNVGGKESCFERIMQRFGRKAVYVIGDGVVEEQGAKKHNMPPFWRISCHADLEAL RHALELEYL
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.
Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name EYA2 eyes absent homolog 2 (Drosophila) [Homo sapiens]

Official Symbol EYA2

Synonyms EYA2; eyes absent homolog 2 (Drosophila); eyes absent (Drosophila) homolog 2; eyes absent homolog 2; EAB1; MGC10614;

Gene ID 2139

mRNA Refseq NM_005244

Protein Refseq NP_005235

MIM 601654

UniProt ID O00167

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