

Eyes Absent Homolog 2 Human Recombinant

Item Number	rAP-3784
Synonyms	Eyes absent homolog 2 (Drosophila), EAB1, EC 3.1.3.48.
Description	EYA2 Human Recombinant produced in E. coli is a single polypeptide chain containing 295 amino acids (244-514) and having a molecular mass of 33.2kDa. EYA2 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	O00167
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMERVFVW DLDETIIIFH SLLTGTFASR YGKDTTTSVR IG-LMMEEMIF NLADTHLFFN DLEDQDIHV DDVSSDDNGQ DLSTYNFSAD GFHSSAPAAN LCLGSGVHGG VDWMRKLAFR YRRVKEMYNT YKNNVGGLIG TPKRETWLQL RAELEALTDL WLTHSLKALN LINSRPNCVN VLVTTTQLIP ALAKVLLYGL GSVFPIENIY SATKTGKESC FERIMQRFGR KAVYVIGDG VEEEQGAKKH NMPFWRISCH ADLEALRHAL ELEYL.
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The EYA2 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 40% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**