

Monoamine Oxidase A Human Recombinant

Item Number	rAP-1441
Synonyms	Monoamine Oxidase A, Monoamine Oxidase Type A, EC 1.4.3.4, MAO-A, Amine Oxidase [Flavin-Containing] A, EC 1.4.3, Amine oxidase [flavin-containing] A, Monoamine oxidase type A.
Description	MAOA Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 520 amino acids (1-497 a.a) and having a molecular mass of 58.8kDa. MAOA is fused to a 23 amino acid His-tag at N-terminus
Uniprot Accession Number	P21397
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMENQEKA SIAGHMFVGV VIGGGISGLS AAKLLTEYGV SVLVLEARDR VGGRTYTIRN EHVDYVDVGG AYGPTQNR IRLSKELGIE TYKVNVSERL VQYVKGKTYP FRGAFPPVWN PIAYLDYNNL WRTIDNMGKE IPTDAPWEAQ HADKWDKMTM KELIDKICWT KTARRFAYLF VNINVTSEPH EVSALWFLWY VKQCGGTTRI FSVTNGGQER KFGVGGSGQVS ERIMDLLGDQ VKLNHPVTHV DQSSD- NIIIE
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	MAOA protein solution (0.5mg/ml) containing 20mM Tris-HCl (pH8.0) and 10% glycerol. Greater than 80% 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**