

RPPB1921

Product Information Protein Information

Product SKU:

RPPB1921

Accession:

P21397

Host:

E.coli.

Protein 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 & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

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.

Formulation:

MAOA protein solution (0.5mg/ml) containing 20mM Tris-HCl (pH8.0) and 10% glycerol.

Purity:

Greater than 80% as determined by SDS-PAGE.

Stability:

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.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MGSMENQEKA SIAGHMFDVV VIGGGISGLS AAKLLTEYGV SVLVLEARDR
VGGRTYTIRN EHVYVDVGG AYVGPTQNR IRLSKELGIE TYKVNVSERL VQYVKGKTYP FRGAFFPWWN
PIAYLDYNNL WRTIDNMGKE IPTDAPWEAQ HADKWDMKMTM KELIDKICWT KTARRFAYLF VNINVTSEPH
EVSALWFLWY VKQCGGTTRI FSVTNGGQER KLVGGSGQVS ERIMDLLGDQ VKLNHPVTHV DQSSDNIIE
TLNHEHYECK YVINAIPPTL TAKIHFPEL PAERNQLIQR LPMGAVIKCM MYYKEAFWKK KDYCGCMIIIE
DEDAPISITL DDTKPDGSLP AIMGFILARK ADRLAKLHKE IRKKICELY AKVLGSQEAL HPVHYEKNW
CEEQYSGGCY TAYFPPGIMT QYGRVIRQPV GRIFFAGTET ATKWSGYMEG AVEAGERAAR EVLNGLGKVT
EKDIWVQEPE SKDVPVEIT HTFWERNLPS.