

renalase Human Recombinant

Item Number	rAP-1413
Synonyms	Renalase FAD-Dependent Amine Oxidase, Chromosome 10 Open Reading Frame 59, Monoamine Oxidase-C, C10orf59, FLJ11218, Renalase, MAO-C, EC 1.4.-.-.
Description	RNLS Human Recombinant produced in E. coli is a single polypeptide chain containing 349 amino acids (18-342) and having a molecular mass of 38.8 kDa. RNLS is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q5VYX0
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMALLRRQ TSGPLYLAVW DKAEDSGGRM TTACSPHNPQ CTADLGAQYI TCTPHYAKKH QRFYDELLAY GVLRLSSPI EGMVMKEGDC NFVAPQGISS IIKHYLKESG AEVYFRHRVT QINLRDDKWE VSKQTGSPEQ FDLIVLTMPV PEILQLQGGDI TTLISECQRQ QLEAVSYSSR YALGLFYEAG TKIDVPWAGQ YITSNPCIRF VSIDNKKRNI ESSEIGPSLV IHTTVPGVT YLEHSIEDVQ ELVFQQLNI LPGLPQPIAT KCQKWRHSQV TNAAANCPGQ MTLHHKPFLA CGGDGFTQSN FDGCITSALC VLEALKNYI
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 RNLS solution contains 20mM Tris-HCl buffer (pH 8.0), 2M Urea and 10% 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**