

## 32-2790: RNLS Recombinant Protein

**Alternative Name** Renalase FAD-Dependent Amine Oxidase,Chromosome 10 Open Reading Frame 59,Monoamine Oxidase-C,C10orf59,FLJ11218,Renalase,MAO-C,EC 1.4.-.-.

### Description

Source : E.coli. 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. Renalase (RNLS) is a flavin adenine dinucleotide-dependent amine oxidase which is secreted into the blood from the kidney. RNLS acts as a hormone which metabolizes circulating catecholamines that have an active role in the sympathetic and parasympathetic nervous systems. High catecholamine concentration activates plasma RNLS and promotes its secretion and synthesis.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 90% as determined by SDS-PAGE.  
**Content :** The RNLS solution contains 20mM Tris-HCl buffer (pH 8.0), 2M Urea and 10% glycerol.  
**Storage condition :** 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 :** MGSSHHHHH SSGLVPRGSH MGSMLLRQ TSGPLYLAVW DKAEDSGGRM TTACSPHNQ  
CTADLGAQYI TCTPHYAKKH QRFYDELLAY GVLRLSSPI EGMVMKEGDC NFVAPQGISS IIKHYLKESG  
AEVYFRHRVT QINLRDDKWE VSKQTGSPEQ FDLIVLMPV PEILQLQGDI TTLISECQRQ QLEAVSYSSR  
YALGLFYEAG TKIDVPWAGQ YITSNPCIRF VSIDNKKRNI ESSEIGPSLV IHTTVPGVT YLEHSIEDVQ  
ELVFQLENI LPGLPQPIAT KCQKWRHSQV TNAANCPGQ MTLHHKPFLA CGGDGFTQSN FDGCITSALC  
VLEALKNYI

