

Recombinant Human RNLS Protein, His tagged

Cat. No. RNLS-7164H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RNLS Protein (18-342 aa) with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	18-342 aa
Description	Enables several functions, including NADH binding activity; epinephrine binding activity; and monoamine oxidase activity. Involved in negative regulation of blood pressure and negative regulation of heart rate. Located in extracellular region. Implicated in essential hypertension and hypertension. Biomarker of end stage renal disease.
Form	Sterile PBS, pH 7.4, 0.1% SKL
Molecular Mass	38 kDa
AASequence	MHHHHHHHHHHALLRRQTSGPLYLAWWDKAEDSGGRMTTACSPHNPQCTADLGA QYITCTPHYAKKHQRFYDELLAYGVLRLSSPIEGMVMKEGDCNFVAPQGISSIIKH LKESGAEVYFRHRVTQINLRDDKWEVSKQTGSPEQFDLIVLTMPVPEILQLQGDITTL ISECQRQQLEAVSYSSRYALGLFYEAGTKIDVPWAGQYITSNPCIRFVSIDNKKR NIE SSEIGPSLVIHTTVPFGVTYLEHSIEDVQELVFQQLENILPGLPQPIATKCQKWRHSQ VTNAAANCPGQMTLHHKPFLACGGDGFTQSNFDGCITSALCVLEALKNYI

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Endotoxin	< 1 EU/μg by LAL
Purity	> 90% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/mL by BCA

GENE INFORMATION

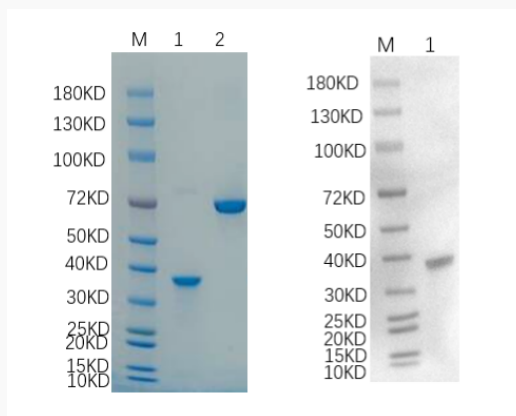
Gene Name	RNLS renalase, FAD-dependent amine oxidase [Homo sapiens (human)]
Official Symbol	RNLS
Synonyms	RNLS; renalase, FAD-dependent amine oxidase; C10orf59, chromosome 10 open reading frame 59; renalase; FLJ11218; MAO-C; monoamine oxidase-C; C10orf59; RENALASE
Gene ID	55328
mRNA Refseq	NM_001031709
Protein Refseq	NP_001026879
MIM	609360
UniProt ID	Q5VYX0

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SDS-PAGE and WB



Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) analysis profiles of purified RNLS. 1. RNLS: 1 μ g 2. BSA: 1 μ g

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