Recombinant Full Length Human RNLS Protein, GST-tagged

Cat. No. RNLS-1730HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human C10orf59 full-length ORF (NP_001026879.1, 1 a.a. - 342 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	342 amino acids
Description	Renalase is a flavin adenine dinucleotide-dependent amine oxidase that is secreted into the blood from the kidney (Xu et al., 2005 [PubMed 15841207]).
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	64.2 kDa
AA Sequence	MAQVLIVGAGMTGSLCAALLRRQTSGPLYLAVWDKADDSGGRMTTACSPHNPQCT ADLGAQYITCTPHYAKKHQRFYDELLAYGVLRPLSSPIEGMVMKEGDCNFVAPQGIS SIIKHYLKESGAEVYFRHRVTQINLRDDKWEVSKQTGSPEQFDLIVLTMPVPEILQLQ GDITTLISECQRQQLEAVSYSSRYALGLFYEAGTKIDVPWAGQYITSNPCIRFVSIDNK KRNIESSEIGPSLVIHTTVPFGVTYLEHSIEDVQELVFQQLENILPGLPQPIATKCQKW RHSQVTNAAANCPGQMTLHHKPFLACGGDGFTQSNFDGCITSALCVLEALKNYI
Quality Control Test	12.5% SDS-PAGE Stained with Coomassie Blue.

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Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	RNLS renalase, FAD dependent amine oxidase [Homo sapiens (human)]
Official Symbol	RNLS
Synonyms	C10orf59; RENALASE
Gene ID	55328
mRNA Refseq	NM_001031709.1
Protein Refseq	NP_001026879.1
MIM	609360
UniProt ID	Q5VYX0

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