

Product datasheet for TP302791

Renalase (RNLS) (NM_001031709) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 10 open reading frame 59 (C10orf59), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202791 protein sequence Red =Cloning site Green =Tags(s)

MAQVLIVGAGMTGSLCAALLRRQTSGPLYLAVWDKADDSGGRMTTACSPHNPQCTADLGAQYITCTPHYA
KKHQRFYDELLAYGVLRLSSPIEGMVMKEGDCNFVAPQGISSIIKHYLKESGAEVYFRHRVTQINLRDD
KWEVSKQTGSPEQFDLIVLTMPVPEILQLQGDITLISECQRQQLEAVSYSSRYALGLFYEAGTKIDVPW
AGQYITSNPCIRFVSDNKKRNIESSEIGPSLVIHTTVPFVTVYLEHSIEDVQELVFQLENILPGLPQP
IATKCQKWRHSQVTNAAANCPGQMTLHHKPFLACGGDGFTQSNFDGCITSALCVLEALKNYI

TRTRPLE**QKLISEEDLAANDILDYKDDDDK**V

Tag:	C-Myc/DDK
Predicted MW:	37.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001026879
Locus ID:	55328



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UniProt ID:	Q5VYX0
RefSeq Size:	2420
Cytogenetics:	10q23.31
RefSeq ORF:	1026
Synonyms:	C10orf59; RENALASE
Summary:	Renalase is a flavin adenine dinucleotide-dependent amine oxidase that is secreted into the blood from the kidney (Xu et al., 2005 [PubMed 15841207]).[supplied by OMIM, Mar 2008]
Protein Families:	Secreted Protein

Product images:



Coomassie blue staining of purified RNLS protein (Cat# TP302791). The protein was produced from HEK293T cells transfected with RNLS cDNA clone (Cat# [RC202791]) using MegaTran 2.0 (Cat# [TT210002]).