

Product datasheet for **TP314405**

RNASE4 (NM_194431) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Homo sapiens ribonuclease, RNase A family, 4 (RNASE4), transcript variant 3, 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC214405 representing NM_194431
Red=Cloning site **Green**=Tags(s)

MALQRTHSLLLLLLLSLLGLGLVQPSYGQDGMVYRFLRQHVHPEETGGSDRYCNLMMQRRKMTLYHCKRF
NTFIHEDIWNIRSICSTTNIQCKNGKMNCHGVVKTDCRDTGSSRAPNCRYRAIASTRRVVACEGNPQ
VPVHFDG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 13.8 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_919412](#)

Locus ID: 6038

UniProt ID: [P34096](#), [Q53XB4](#)



[View online >](#)

RefSeq Size: 1361

Cytogenetics: 14q11.2

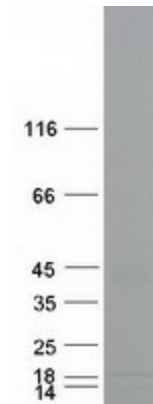
RefSeq ORF: 441

Synonyms: RAB1; RNS4

Summary: The protein encoded by this gene belongs to the pancreatic ribonuclease family. It plays an important role in mRNA cleavage and has marked specificity towards the 3' side of uridine nucleotides. Alternative splicing results in four transcript variants encoding the same protein. This gene and the gene that encodes angiogenin share promoters and 5' exons. Each gene splices to a unique downstream exon that contains its complete coding region. [provided by RefSeq, Aug 2013]

Protein Families: Secreted Protein, Transmembrane

Product images:



Coomassie blue staining of purified RNASE4 protein (Cat# TP314405). The protein was produced from HEK293T cells transfected with RNASE4 cDNA clone (Cat# [RC214405]) using MegaTran 2.0 (Cat# [TT210002]).