PRODUCT INFORMATION

Target	RNASE4
Synonyms	RNase 4;Rnase4;Ribonuclease 4
Description	Recombinant mouse RNASE4 protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	Q9JJH1
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	Mouse RNASE4(Gln30-Arg148) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 14.7 kDa after removal of the signal peptide. The apparent molecular mass of mRNASE4-His is approximately 10-15 kDa due to glycosylation.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	This gene encodes a member of the pancreatic ribonuclease A superfamily. The encoded enzyme is sereted and has unique uridine specificity. This gene resides in a cluster of highly related genes. It shares dual promoters and 5' exons with the angiogenin, ribonuclease, RNase A family, 5 gene. Each gene splices to a unique downstream exon that contains its complete coding region. Two alternatively spliced variants, with different 5' exons but the same coding exon, have been identified. [provided by RefSeq, Jun 2009]
Usage	Research use only
Conjugate	Unconjugated

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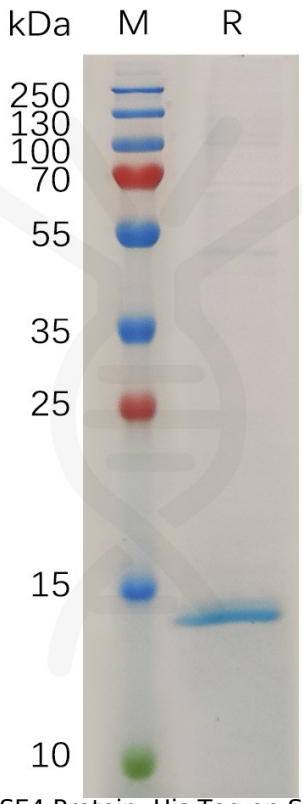


Figure 1. Mouse RNASE4 Protein, His Tag on SDS-PAGE under reducing condition.

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