

Product datasheet for TP303178

ISG20 (NM_002201) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human interferon stimulated exonuclease gene 20kDa (ISG20), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203178 protein sequence Red =Cloning site Green =Tags(s)
	 MAGSREVVAMDCEMVGLGPHRESGLARCSLVNVHGAVLYDKFIRPEGEITDYRTRVSGVTPQHVMVGATPF AVARLEILQLLKGLVGHDLKHDFQALKEDMSGYTIYDTSTDRLWREAKLDHCRRVSLRVLSEKLLHK SIQNSLLGHSSVEDARATMELYQISQRIRARRGLPRLAVSD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	20.2 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_002192
Locus ID:	3669
UniProt ID:	Q96AZ6
RefSeq Size:	974



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Cytogenetics: 15q26.1

RefSeq ORF: 543

Synonyms: CD25; HEM45

Summary: Interferon-induced antiviral exoribonuclease that acts on single-stranded RNA and also has minor activity towards single-stranded DNA. Exhibits antiviral activity against RNA viruses including hepatitis C virus (HCV), hepatitis A virus (HAV) and yellow fever virus (YFV) in an exonuclease-dependent manner. May also play additional roles in the maturation of snRNAs and rRNAs, and in ribosome biogenesis.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified ISG20 protein (Cat# TP303178). The protein was produced from HEK293T cells transfected with ISG20 cDNA clone (Cat# [RC203178]) using MegaTran 2.0 (Cat# [TT210002]).