

Product datasheet for TP303178M

OriGene Technologies, Inc.

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ISG20 (NM 002201) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human interferon stimulated exonuclease gene 20kDa (ISG20), 100

μg

Species: Human
Expression Host: HEK293T

Expression cDNA Clone >RC203178 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MAGSREVVAMDCEMVGLGPHRESGLARCSLVNVHGAVLYDKFIRPEGEITDYRTRVSGVTPQHMVGATPF AVARLEILQLLKGKLVVGHDLKHDFQALKEDMSGYTIYDTSTDRLLWREAKLDHCRRVSLRVLSERLLHK

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

Cytogenetics: 15q26.1 RefSeq ORF: 543

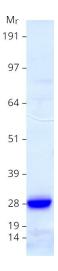
Synonyms: CD25; HEM45

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]).