

## **Product datasheet for TP303178**

## 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), 20 μg

Species: Human
Expression Host: HEK293T

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

MAGSREVVAMDCEMVGLGPHRESGLARCSLVNVHGAVLYDKFIRPEGEITDYRTRVSGVTPQHMVGATPF AVARLEILQLLKGKLVVGHDLKHDFQALKEDMSGYTIYDTSTDRLLWREAKLDHCRRVSLRVLSERLLHK

SIQNSLLGHSSVEDARATMELYQISQRIRARRGLPRLAVSD

**TRTRPL**EQKLISEEDLAANDILDYKDDDDK**V** 

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

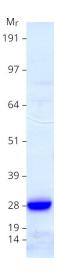
Synonyms: CD25; HEM45

**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]).