

Product datasheet for PH303178

ISG20 (NM_002201) Human Mass Spec Standard

Product data:

Product Type: Mass Spec Standards **Description:** ISG20 MS Standard C13 and N15-labeled recombinant protein (NP_002192) Species: Human **HEK293 Expression Host:** RC203178 **Expression cDNA Clone** or AA Sequence: Predicted MW: 20.4 kDa >RC203178 protein sequence **Protein Sequence:** Red=Cloning site Green=Tags(s) MAGSREVVAMDCEMVGLGPHRESGLARCSLVNVHGAVLYDKFIRPEGEITDYRTRVSGVTPQHMVGATPF AVARLEILQLLKGKLVVGHDLKHDFQALKEDMSGYTIYDTSTDRLLWREAKLDHCRRVSLRVLSERLLHK SIQNSLLGHSSVEDARATMELYQISQRIRARRGLPRLAVSD TRTRPLEQKLISEEDLAANDILDYKDDDDKV Tag: C-Myc/DDK **Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining **Concentration:** >0.05 µg/µL as determined by microplate BCA method Labeling Method: Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine 25 mM Tris-HCl, 100 mM glycine, pH 7.3 **Buffer:** Store at -80°C. Avoid repeated freeze-thaw cycles. Storage: Stability: Stable for 3 months from receipt of products under proper storage and handling conditions. RefSeq: NP 002192 **RefSeq Size:** 974 **RefSeq ORF:** 543 Synonyms: CD25; HEM45 Locus ID: 3669 UniProt ID: O96AZ6



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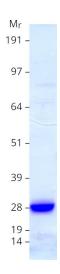
Cytogenetics:

Summary:

15q26.1

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]).

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