

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
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203178
Predicted MW:	20.4 kDa
Protein Sequence:	>RC203178 protein sequence Red=Cloning site Green=Tags(s) MAGSREVVAMDCEMVGLGPHRESGLARCSLVNVHGAVLYDKFIRPEGEITDYRTRVSGVTPQHMGATPF AVARLEILQLLKGKLVVGHDLKHDFQALKEDMSGYTIYDTSDRLLWREAKLDHCRRVSLRVLSERLLHK SIQNSLLGHSSVEDARATMELYQISQIRARRGLPRLAVSD 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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
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:	Q96AZ6



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Cytogenetics: 15q26.1

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]).