

Product datasheet for PH323153

HSPA12A (NM_025015) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HSPA12A MS Standard C13 and N15-labeled recombinant protein (NP_079291)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC223153
Predicted MW:	74.8 kDa
Protein Sequence:	>RC223153 representing NM_025015 Red =Cloning site Green =Tags(s)

MADKEAGGSDGPRETAPTSAYSSPARSLGDTGITPLSPSHIVNDTDSNVSEQQSFLVVAVDFGTTSSGY
 AYSFTKEPECIHVMRRWEGDGPVSNQKTPTTILLTPERKFHSFGYAARDFYHDLDPNEAKQWLYLEKFK
 MKLHTTGDLTMDTDLTAANGKKVKALEIFAYALQYFKEQALKELSDQAGSEFENSVDVRWVITVPAIWKQP
 AKQFMRQAAYQAGLASENSEQLIIALEPEAASIYCRKLRLHQMIELSSKAAVNGYSGSDTVGAGFTQAK
 EHRRNRQSRFTLVENVIGEIWSELEEGDKYVVVDSSGGTVDLTVHQIRLPEGHLKELYKATGGPYGSLG
 VDYEFEKLLYKIFGEDFIEQFKIKRPAAWVDLMIAFESRKRAAAPDRTNPLNITLPFSFIDYKKFRGHS
 VEHALRKSNDVFKWSSQGMLRMSPDAMNALFKPTIDSIIEHLRDLFQKPEVSTVKFLFLVGGFAEAPLL
 QQAVQAAFGDQCRIIIPQDVGLTILKGAVLFGLDPAVIKVRSSPLTYGVGLNRYVEGKHPPEKLLVKDG
 TRWCTDVFDKFIADQSVAGELVKRSYTPAKPSQLVIVINIYSSEHDNVSFITDPGVKKCGTLRLDLTG
 TSGTAVPARREIQTLMQFGDTEIKATAIDIATSKSVKVGIDFLNY

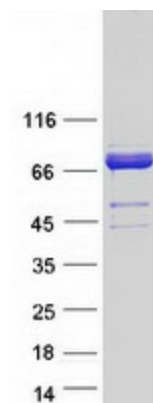
TRTRPLEEQKLISEEDLAANDILDYKDDDDKV

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_079291
RefSeq Size:	5739


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RefSeq ORF:	2025
Locus ID:	259217
UniProt ID:	<u>O43301</u>
Cytogenetics:	10q25.3
Summary:	Adapter protein for SORL1, but not SORT1. Delays SORL1 internalization and affects SORL1 subcellular localization.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified HSPA12A protein (Cat# [TP323153]). The protein was produced from HEK293T cells transfected with HSPA12A cDNA clone (Cat# [RC223153]) using MegaTran 2.0 (Cat# [TT210002]).