

Product datasheet for **TP323153L**

HSPA12A (NM_025015) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human heat shock 70kDa protein 12A (HSPA12A), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC223153 representing NM_025015 Red =Cloning site Green =Tags(s)

MADKEAGGSDGPRETAPTSAYSSPARSLGDTGITPLSPSHIVNDTDSNVSEQQSFLVWAVDFGTTSSGY
AYSFTKEPECIHVMRRWEGGDPGVSNQKTPPTILLTPERKFHSFGYAARDFYHDLDPNEAKQWLYLEKFK
MKLHTTGDLTMDTDLTAANGKKVKALEIFAYALQYFKEQALKELSDQAGSEFENSVDVRWVITVPAIWKQP
AKQFMRQAAYQAGLASENSEQLIALEPEAASIYCRKLRLHQMIELSSKAAVNGYSGSDTVGAGFTQAK
EHIRNRQSRFTLVENVIGEIWSELEEGDKYVVVDSGGGTVDLTVHQIRLPEGHLKELYKATGGPYGSLG
VDYEFELLYKIFGEDFIEQFKIKRPAAWVDLMIAFESRKRAAAPDRTNPLNITLPFSFIDYKKFRGHS
VEHALRKSNDVFKWSSQGMRLMSPDAMNALFKPTIDSIIHLRDLFQKPEVSTVKFLVLVGGFAEAPLL
QQAVQAAFGDQCRIIPQDVGLTILKGAVLFGLDPAVIVKRRSPLTYGVGVNRYVEGKHPPEKLLVKDG
TRWCTDVFDKFISADQSVALGELVKRSYPAKPSQLVIVINIYSSEHDNVSFITDPGVKKCGTLRLDLTG
TSGTAVPARREIQTLMQFGDTEIKATAIDIATSKSVKVGIDFLNY

TRTRPLE**QKLISEEDLA**ANDILDYKDDDDKV

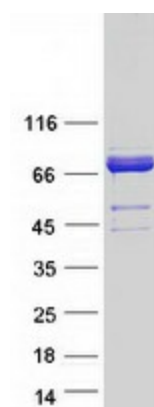
Tag:	C-Myc/DDK
Predicted MW:	74.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



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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:	<u>NP_079291</u>
Locus ID:	259217
UniProt ID:	<u>O43301</u>
RefSeq Size:	5739
Cytogenetics:	10q25.3
RefSeq ORF:	2025
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]).