

Recombinant Human HSPA12A Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. HSPA12A-248H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HSPA12A MS Standard C13 and N15-labeled recombinant protein (NP_079291) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Adapter protein for SORL1, but not SORT1. Delays SORL1 internalization and affects SORL1 subcellular localization.
Molecular Mass	74.8 kDa
AA Sequence	MADKEAGGSDGPRETAPTSAYSSPARSLGDTGITPLSPSHIVNDTDSNVSEQQSFL VVAVDFTGTTSSGYAYSFTKEPECIHVMRRWEGGDPGVSQKTPPTILLTPERKFH SFGYAARDFYHDLDPNEAKQWLYLEKFKMKLHTTGDLTMDTDLTAANGKKVKALEIF AYALQYFKEQALKELSDQAGSEFENS DVRWVITVPAIWKQPAKQFMRQAAYQAGLA SPENSEQLIALEPEAASIYCRKLRLHQMIELSSKAAVNGYSGSDTVGAGFTQAKEHI RRNRQSRFTLVENVIGEIWSELEEGDKYVVVDSSGGGTVDLTVHQIRLPEGHLKELYK ATGGPYGSLGVDYEFELLYKIFGEDFIEQFKIKRPAAWVDLMIAFESRKRAAAPDRT NPLNITLPFSFIDYKKFRGHSVEHALRKSNDVDFVKWSSQGMLRMSPDAMNALFKP TIDSIIHLRDLFQKPEVSTVKFLFLVGGFAEAPLLQQAVQAAFGDQCRIIIPQDVGLTI LKGAVLFGLDPAVIKVRRSPLTYGVGVLNRYVEGKHPPEKLLVKDGTWCTDVFVK FISADQSVALGELVKRSYTPAKPSQLVIVINIYSSEHDNVSFITDPGVKKCGTLRLDLT

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	GTSGTAVPARREIQTLMQFGDTEIKATAIDIATSKSVKVGIDFLNYTRTRPLEQKLISE EDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	HSPA12A heat shock 70kDa protein 12A [Homo sapiens (human)]
Official Symbol	HSPA12A
Synonyms	HSPA12A; heat shock 70kDa protein 12A; heat shock 70kD protein 12A; heat shock 70 kDa protein 12A; FLJ13874; KIAA0417;
Gene ID	259217
mRNA Refseq	NM_025015
Protein Refseq	NP_079291
MIM	610701

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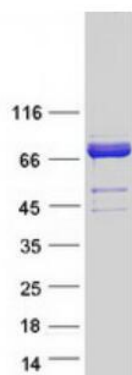
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UniProt ID

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SDS-PAGE

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