

Product datasheet for PH300840

HYPK (NM_016400) Human Mass Spec Standard

Product data:

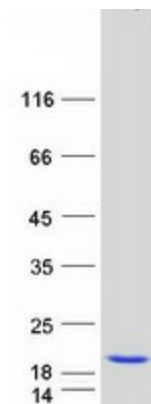
Product Type:	Mass Spec Standards
Description:	C15orf63 MS Standard C13 and N15-labeled recombinant protein (NP_057484)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200840
Predicted MW:	14.7 kDa
Protein Sequence:	>RC200840 protein sequence Red =Cloning site Green =Tags(s) MRRRGEIDMATEGDVELELETETSGPERPPEKPRKHDSGAADLERVTDYAEKEIQSSNLETAMSVIGDR RSREQKAKQEREKELAKVTIKKEDLELIMTEMEISRAAAERSLREHMGNVVEALIALTN 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
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_057484
RefSeq Size:	1351
RefSeq ORF:	387
Synonyms:	C15orf63; HSPC136
Locus ID:	25764
UniProt ID:	Q9NX55 , A0A024R5Q1
Cytogenetics:	15q15.3



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Summary:

Has a chaperone-like activity preventing polyglutamine (polyQ) aggregation of HTT. Protects against HTT polyQ-mediated apoptosis in Neuro2a neuronal cells. Required for optimal NAA10-NAA15 complex-mediated N-terminal acetylation.[UniProtKB/Swiss-Prot Function]

Product images:

Coomassie blue staining of purified HYPK protein (Cat# [TP300840]). The protein was produced from HEK293T cells transfected with HYPK cDNA clone (Cat# [RC200840]) using MegaTran 2.0 (Cat# [TT210002]).