

Product datasheet for PH310567

DNAJC15 (NM_013238) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DNAJC15 MS Standard C13 and N15-labeled recombinant protein (NP_037370)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210567
Predicted MW:	16.4 kDa
Protein Sequence:	>RC210567 protein sequence Red=Cloning site Green=Tags(s) MAARGVIAPVGESLRYAEYLQPSAKRPDADVDQQRLVRSLIAVGLGVAALAFAGRYAFRIWKPLEQVITE TAKKISTPSFSSYYKGGFEQKMSRREAGLILGVSPSAGKAKIRTAHRRVMILNHPDKGGSPYVAAKINEA KDLLETTTKH TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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_037370
RefSeq Size:	2792
RefSeq ORF:	450
Synonyms:	DNAJD1; HSD18; MCJ
Locus ID:	29103
UniProt ID:	Q9Y5T4



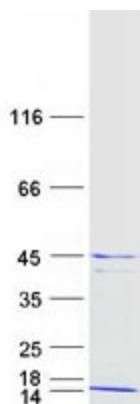
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Cytogenetics: 13q14.11

Summary: Negative regulator of the mitochondrial respiratory chain. Prevents mitochondrial hyperpolarization state and restricts mitochondrial generation of ATP (By similarity). Acts as an import component of the TIM23 translocase complex. Stimulates the ATPase activity of HSPA9.[UniProtKB/Swiss-Prot Function]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified DNAJC15 protein (Cat# [TP310567]). The protein was produced from HEK293T cells transfected with DNAJC15 cDNA clone (Cat# [RC210567]) using MegaTran 2.0 (Cat# [TT210002]).