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Product datasheet for PH308115

AP5S1 (NM_018347) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	C20orf29 MS Standard C13 and N15-labeled recombinant protein (NP_060817)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208115
Predicted MW:	22.5 kDa
Protein Sequence:	>RC208115 protein sequence Red=Cloning site Green=Tags(s) MVHAFLIHTLRAPNTEDTGLCRVLYSCVFGAEKSPDDPRPHGAERDRLLRKEQILAVARQVESMCRLQQQ ASGRPPMDLQPQSSDEQVPLHEAPRGAFRLAAENPFQEPRTVVWLGVLSLGFALVLDAHENLLLAEGTLR LLTRLLLDHLRLLAPSTSLLLRADRIEGILTRFLPHGQLLFLNDQFVQGLEKEFSAAWPR 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_060817
RefSeq Size:	1864
RefSeq ORF:	600
Synonyms:	C20orf29
Locus ID:	55317
UniProt ID:	Q9NUS5

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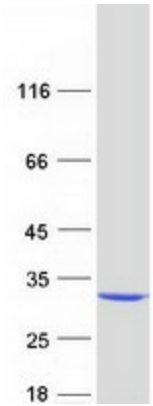
Cytogenetics: 20p13

Summary: As part of AP-5, a probable fifth adaptor protein complex it may be involved in endosomal transport. According to PubMed:20613862, it is required for efficient homologous recombination DNA double-strand break repair.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified AP5S1 protein (Cat# [TP308115]). The protein was produced from HEK293T cells transfected with AP5S1 cDNA clone (Cat# [RC208115]) using MegaTran 2.0 (Cat# [TT210002]).