

Product datasheet for PH308413

C11ORF46 (ARL14EP) (NM_152316) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	C11orf46 MS Standard C13 and N15-labeled recombinant protein (NP_689529)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208413
Predicted MW:	29.3 kDa
Protein Sequence:	>RC208413 protein sequence Red=Cloning site Green=Tags(s) MMDPCSVGVQLRTTNECHKTYTRHTGFKTLQELSSNDMLLLQLRTGMTLSGNNTICFHHVKIYIDRFED LQKSCDPFNIHKKLAKKNLHVIDLDDATFLSAKFGRQLVPGWKLCPKCTQIINGSVDVDTEDRQKRKPE SDGRTAKALRSLQFTNPGRQTEFAPETGKREKRRLTKNATAGSDRQVIPAKSKVYDSQGLLIFSGMDLDC CLDEDCLGCFYACPACGSTKCGAECRCRDKWLYEQIEIEGGEIIHNKHAG 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- 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_689529
RefSeq Size:	2395
RefSeq ORF:	780
Synonyms:	ARF7EP; C11orf46; dj299F11.1
Locus ID:	120534
UniProt ID:	Q8N8R7

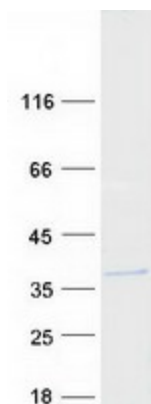


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Cytogenetics: 11p14.1

Summary: The protein encoded by this gene is an effector protein. It interacts with ADP-ribosylation factor-like 14 [ARL14, also known as ADP-ribosylation factor 7 (ARF7)], beta-actin (ACTB) and actin-based motor protein myosin 1E (MYO1E). ARL14 is a small GTPase; it controls the export of major histocompatibility class II molecules by connecting to the actin network via this effector protein. [provided by RefSeq, Sep 2014]

Product images:



Coomassie blue staining of purified ARL14EP protein (Cat# [TP308413]). The protein was produced from HEK293T cells transfected with ARL14EP cDNA clone (Cat# [RC208413]) using MegaTran 2.0 (Cat# [TT210002]).