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Product datasheet for PH320725

RIPPLY2 (NM_001009994) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RIPPLY2 MS Standard C13 and N15-labeled recombinant protein (NP_001009994)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC220725
Predicted MW:	13.9 kDa
Protein Sequence:	>RC220725 protein sequence Red=Cloning site Green=Tags(s) MENAGGAEGTESGAAACAATDGPTRRAGADSGYAGFWRPWVDAGGKKEEETPNHAAEAMPDGPGMTAASG KLYQFRHPVRLFWPKSKCYDYLYQEAEALLKNFPIQATISFYEDSDSEDEIEDLTCEN 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_001009994
RefSeq Size:	674
RefSeq ORF:	384
Synonyms:	C6orf159; dJ237I15.1; SCDO6
Locus ID:	134701
UniProt ID:	Q5TAB7
Cytogenetics:	6q14.2

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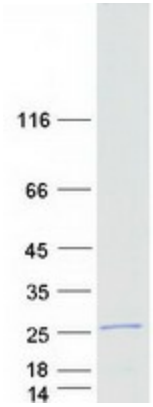
Summary: This gene encodes a nuclear protein that belongs to a novel family of proteins required for vertebrate somitogenesis. Members of this family have a tetrapeptide WRPW motif that is required for interaction with the transcriptional repressor Groucho and a carboxy-terminal Ripply homology domain/Bowline-DSCR-Ledgerline conserved region required for transcriptional repression. Null mutant mice die soon after birth and display defects in axial skeleton segmentation due to defective somitogenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016]

Product images:



Coomassie blue staining of purified RIPPLY2 protein (Cat# [TP320725]). The protein was produced from HEK293T cells transfected with RIPPLY2 cDNA clone (Cat# [RC220725]) using MegaTran 2.0 (Cat# [TT210002]).