

Product datasheet for PH301217

CRIP1 (NM_001311) Human Mass Spec Standard

Product data:

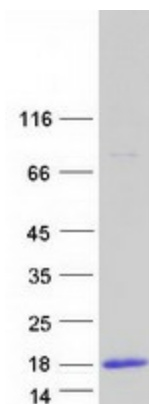
Product Type:	Mass Spec Standards
Description:	CRIP1 MS Standard C13 and N15-labeled recombinant protein (NP_001302)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201217
Predicted MW:	8.5 kDa
Protein Sequence:	>RC201217 protein sequence Red=Cloning site Green=Tags(s) MPKCPKCNKEVYFAERVTSLGKDWHRPCLKCEKCGKTLTSGGHAEHEGKPYCNHPCYAAMFGPKGFGRRG AESHTFK 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_001302
RefSeq Size:	480
RefSeq ORF:	231
Synonyms:	CRHP; CRIP; CRP-1; CRP1
Locus ID:	1396
UniProt ID:	P50238
Cytogenetics:	14q32.33



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Summary:

Cysteine-rich intestinal protein (CRIP) belongs to the LIM/double zinc finger protein family, members of which include cysteine- and glycine-rich protein-1 (CSRP1; MIM 123876), rhombotin-1 (RBTN1; MIM 186921), rhombotin-2 (RBTN2; MIM 180385), and rhombotin-3 (RBTN3; MIM 180386). CRIP may be involved in intestinal zinc transport (Hempe and Cousins, 1991 [PubMed 1946385]).[supplied by OMIM, Mar 2008]

Product images:

Coomassie blue staining of purified CRIP1 protein (Cat# [TP301217]). The protein was produced from HEK293T cells transfected with CRIP1 cDNA clone (Cat# [RC201217]) using MegaTran 2.0 (Cat# [TT210002]).