

Product datasheet for PH309035

RBP7 (NM_052960) Human Mass Spec Standard

Product data:

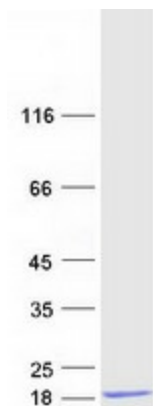
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|---------------------------------------|---|
| Product Type: | Mass Spec Standards |
| Description: | RBP7 MS Standard C13 and N15-labeled recombinant protein (NP_443192) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC209035 |
| Predicted MW: | 15.5 kDa |
| Protein Sequence: | >RC209035 protein sequence Red=Cloning site Green=Tags(s) MPADLSGTWTLSSDNFEGYMLALGIDFATRKI AKLLKPQKVIEQNGDSFTIHTNSSLRNYFVKFKVGEE FDEDNRGLDNRKCKSLVIWDNDRLTCIQKGEKKNRGWTHWIEGDKLHLEMFCEGQVCKQTFQRA 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_443192 |
| RefSeq Size: | 704 |
| RefSeq ORF: | 402 |
| Synonyms: | CRABP4; CRBP4; CRBPIV |
| Locus ID: | 116362 |
| UniProt ID: | Q96R05 |
| Cytogenetics: | 1p36.22 |



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Summary:

The protein encoded by this gene is a member of the cellular retinol-binding protein (CRBP) family, whose members are required for vitamin A stability and metabolism. The encoded protein binds all-trans-retinol and is structurally similar to other CRBPs; however, it has a lower binding affinity for retinol than other CRBPs. [provided by RefSeq, Aug 2016]

Product images:

Coomassie blue staining of purified RBP7 protein (Cat# [TP309035]). The protein was produced from HEK293T cells transfected with RBP7 cDNA clone (Cat# [RC209035]) using MegaTran 2.0 (Cat# [TT210002]).