

## Product datasheet for PH321020

### IRAK1BP1 (NM\_001010844) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	IRAK1BP1 MS Standard C13 and N15-labeled recombinant protein (NP_001010844)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221020
Predicted MW:	29.1 kDa
Protein Sequence:	>RC221020 protein sequence <span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s)

MSLQKTPPTRVFVELVPWADRSRENNLASGRETLPLRLHPLSSTQAQTATREVQVSGTSEVSAGPDRAQV  
 VVRVSSTKEAAAEAKKSVCRRLDYITQSLQQQGVQAENITVTKDFRRVENAYHMEAEVCITFTEFGKMQN  
 ICNFLVEKLDSSVVISPPQFYHTPGSVENLRRQACLVAVENAWRKAQVCNVLVGQTLGKPLLKEEETKE  
 WEGQIDDHQSSRLSSSLTVQQKIKSATIHAASKVFITFEVKGKEKRKKHL

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<a href="#">NP_001010844</a>
RefSeq Size:	3464
RefSeq ORF:	780
Synonyms:	AIP70; SIMPL
Locus ID:	134728
UniProt ID:	<a href="#">Q5VWH5</a>

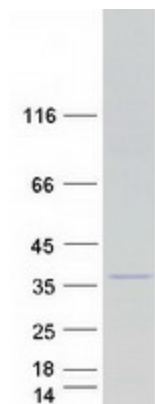

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**Cytogenetics:** 6q14.1

**Summary:** Component of the IRAK1-dependent TNFRSF1A signaling pathway that leads to NF-kappa-B activation and is required for cell survival. Acts by enhancing RELA transcriptional activity (By similarity).[UniProtKB/Swiss-Prot Function]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified IRAK1BP1 protein (Cat# [TP321020]). The protein was produced from HEK293T cells transfected with IRAK1BP1 cDNA clone (Cat# [RC221020]) using MegaTran 2.0 (Cat# [TT210002]).