

## Product datasheet for PH303899

### HEBP2 (NM\_014320) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	HEBP2 MS Standard C13 and N15-labeled recombinant protein (NP_055135)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203899
Predicted MW:	22.9 kDa
Protein Sequence:	>RC203899 protein sequence Red=Cloning site Green=Tags(s)  MAEPLQDPGAAEDAAAQAVETPGWKAPEDAGPQPGSYEIRHYGPAKWVSTSVESMDWDSAIQTGFTKLN SYIQGKNEKEMKIKMTAPVTSYVEPGSGPFSESTITISLYIPSEQQFDPPRPLESDVFIEDRAEMTVFVR SFDGFSSAQKNQEQLLTLASILREDGKVFDEKVYYTAGYNSPVKLLNRRNEVWLIQKNEPTKENE  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_055135</a>
RefSeq Size:	1282
RefSeq ORF:	615
Synonyms:	C6orf34; C6ORF34B; PP23; SOUL
Locus ID:	23593
UniProt ID:	<a href="#">Q9Y5Z4</a>

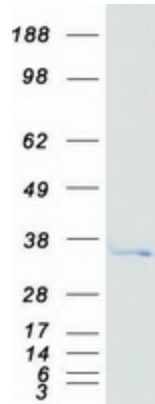


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Cytogenetics: 6q24.1

**Summary:** The protein encoded by this gene is found predominately in the cytoplasm, where it plays a role in the collapse of mitochondrial membrane potential (MMP) prior to necrotic cell death. The encoded protein enhances outer and inner mitochondrial membrane permeabilization, especially under conditions of oxidative stress. [provided by RefSeq, May 2016]

**Product images:**



Coomassie blue staining of purified HEBP2 protein (Cat# [TP303899]). The protein was produced from HEK293T cells transfected with HEBP2 cDNA clone (Cat# [RC203899]) using MegaTran 2.0 (Cat# [TT210002]).