

## Product datasheet for TP303899M

### HEBP2 (NM\_014320) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human heme binding protein 2 (HEBP2), 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC203899 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MAEPLQPDPGAEDAAAQAVETPGWKAPEDAGPQPGSYEIRHYGPAKWVSTSVESMDWDSAIQTGFTKLN  
SYIQGKNEKEMKIKMTAPVTSYVEPGSGPFSESTITISLYIPSEQQFDPPRPLESDVFIEDRAEMTVFVR  
SFDGFSSAQKNQEQLLTLASILREDGKVFDEKVVYTAGYNPVLKLLNRNNEVWLIQKNEPTKENE

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 22.7 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_055135](#)

**Locus ID:** 23593

**UniProt ID:** [Q9Y5Z4](#)

**RefSeq Size:** 1282



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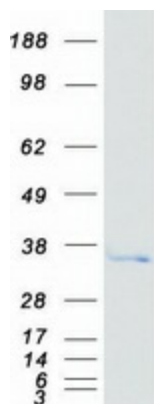
Cytogenetics: 6q24.1

RefSeq ORF: 615

Synonyms: C6orf34; C6ORF34B; PP23; SOUL

**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]).