

Product datasheet for TP303899

HEBP2 (NM_014320) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human heme binding protein 2 (HEBP2), 20 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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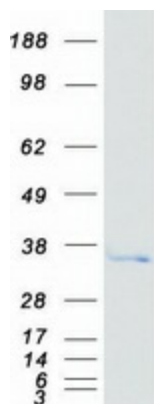
Cytogenetics: 6q24.1

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]).