

Recombinant Human HEBP2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HEBP2-4232H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HEBP2 MS Standard C13 and N15-labeled recombinant protein (NP_055135) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	22.9 kDa
AA Sequence	MAEPLQDPGAAEDAAAQAVETPGWKAPEDAGPQPGSYEIRHYGPAKWVSTSVES MDWDSAIQTGFTKLNSYIQGKNEKEMKIKMTAPVTSYVEPGSGPFSESTITISLYIPSE QQFDPPRPLESDVFIEDRAEMTVFVRSFDGFSSAQKNQEQLLTLASILREDGKVFDE KVYYTAGYNSPVKLLNRNNEVWLIQKNEPTKENETRTRPLEQKLISEEDLAANDILDY KDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	HEBP2 heme binding protein 2 [Homo sapiens (human)]
Official Symbol	HEBP2
Synonyms	HEBP2; heme binding protein 2; C6orf34, chromosome 6 open reading frame 34; heme-binding protein 2; SOUL; placental protein 23; PP23; C6orf34; C6ORF34B; RP3-422G23.1; KIAA1244;
Gene ID	23593
mRNA Refseq	NM_014320
Protein Refseq	NP_055135
MIM	605825
UniProt ID	Q9Y5Z4

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SDS-PAGE

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