

Recombinant Human FBP2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FBP2-1110H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FBP2 MS Standard C13 and N15-labeled recombinant protein (NP_003828) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a gluconeogenesis regulatory enzyme which catalyzes the hydrolysis of fructose 1,6-bisphosphate to fructose 6-phosphate and inorganic phosphate.
Molecular Mass	36.8 kDa
AA Sequence	MTDRSPFETDMLTLTRYVMEKGRQAKGTGELTQLLNSMLTAIKAISSAVRKAGLAHL YGIAGSVNVTGDEVKKLDVLSNSLVINMLQSSYSTCVLVSEENKDAITAKEKRGKYV VCFDPLDGSSNIDCLASIGTIFAIYRKTSSEDEPSEKDALQCGRNIVAAGYALYGSATLV ALSTGQGVDLFMLDPALGEFVLVEKDVKIKKKGKIYSLNEGYAKYFDAATTEYVQKK KFPEDGSAPYGARYVGSMAVDVHRTLTVYGGIFLYPANQKSPKGKLRLLYECNPVAYI IEQAGGLATTGTQPVLVDVKPEAIHQVRPLILGSPEDVQEYLTVCVQKNQAGSTRTRPL EQKLISEEDLAANDILDYKDDDDKV
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

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conditions.

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 FBP2 fructose-1,6-bisphosphatase 2 [Homo sapiens (human)]

Official Symbol FBP2

Synonyms FBP2; fructose-1,6-bisphosphatase 2; fructose-1,6-bisphosphatase isozyme 2; FBPase 2; hexosediphosphatase; muscle fructose-bisphosphatase; D-fructose-1,6-bisphosphate 1-phosphohydrolase 2; MGC142192;

Gene ID 8789

mRNA Refseq NM_003837

Protein Refseq NP_003828

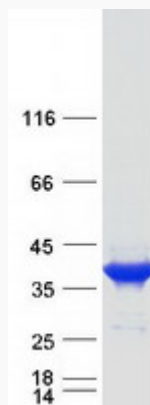
MIM 603027

UniProt ID O00757

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SDS-PAGE

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