

Recombinant Human GBP6, GST-tagged

Cat. No. GBP6-13184H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GBP6 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	530-633a.a.
Description	This gene encodes the general transcription factor IIB, one of the ubiquitous factors required for transcription initiation by RNA polymerase II. The protein localizes to the nucleus where it forms a complex (the DAB complex) with transcription factors IID and IIA. Transcription factor IIB serves as a bridge between IID, the factor which initially recognizes the promoter sequence, and RNA polymerase II.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	GBP6 guanylate binding protein family, member 6 [Homo sapiens]
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Official Symbol	GBP6
Synonyms	GBP6; guanylate binding protein family, member 6; guanylate-binding protein 6; DKFZp686G0786; GBP-6; GTP-binding protein 6; guanine nucleotide-binding protein 6; FLJ39135;
Gene ID	163351
mRNA Refseq	NM_198460
Protein Refseq	NP_940862
MIM	612467
UniProt ID	Q6ZN66
Chromosome Location	1p22
Pathway	Cytokine Signaling in Immune system, organism-specific biosystem; Immune System, organism-specific biosystem; Interferon Signaling, organism-specific biosystem; Interferon gamma signaling, organism-specific biosystem;
Function	GTP binding; GTPase activity; nucleotide binding;

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