

## 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<sub>2</sub>HPO<sub>4</sub>, 17mM NaH<sub>2</sub>PO<sub>4</sub>, 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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<b>Official Symbol</b>	GBP6
<b>Synonyms</b>	GBP6; guanylate binding protein family, member 6; guanylate-binding protein 6; DKFZp686G0786; GBP-6; GTP-binding protein 6; guanine nucleotide-binding protein 6; FLJ39135;
<b>Gene ID</b>	<a href="#">163351</a>
<b>mRNA Refseq</b>	<a href="#">NM_198460</a>
<b>Protein Refseq</b>	<a href="#">NP_940862</a>
<b>MIM</b>	<a href="#">612467</a>
<b>UniProt ID</b>	<a href="#">Q6ZN66</a>
<b>Chromosome Location</b>	1p22
<b>Pathway</b>	Cytokine Signaling in Immune system, organism-specific biosystem; Immune System, organism-specific biosystem; Interferon Signaling, organism-specific biosystem; Interferon gamma signaling, organism-specific biosystem;
<b>Function</b>	GTP binding; GTPase activity; nucleotide binding;

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