

## Recombinant Human BMPR1B Protein, His & GST-tagged

**Cat. No.** BMPR1B-223H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human BMPR1B Protein(NP_001194.1)(Arg 149-Leu 502) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	149-502 aa
<b>Form</b>	Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 8.5, 20% gly, 0.3mM DTT.
<b>Molecular Mass</b>	The recombinant human ALK6 (149-502)/GST chimera consists of 591 amino acids and has a calculated molecular mass of 68.3 KDa. It migrates as an approximately 55 KDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

<b>Gene Name</b>	BMPR1B bone morphogenetic protein receptor, type IB [ Homo sapiens ]
<b>Official Symbol</b>	BMPR1B
<b>Synonyms</b>	BMPR1B; bone morphogenetic protein receptor, type IB; bone morphogenetic protein receptor type-1B; ALK6; CDw293; BMPR-1B; BMP type-1B receptor; activin receptor-like kinase 6; serine/threonine receptor kinase; ALK-6;
<b>Gene ID</b>	658
<b>mRNA Refseq</b>	NM_001203
<b>Protein Refseq</b>	NP_001194
<b>MIM</b>	603248
<b>UniProt ID</b>	O00238

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