Recombinant Human BMPR1B Protein, His & GST-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	Insect Cells
ProteinLength	149-502 aa
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 8.5, 20% gly, 0.3mM DTT.
Molecular Mass	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.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	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.
Reconstitution	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

Gene Name	BMPR1B bone morphogenetic protein receptor, type IB [Homo sapiens]
Official Symbol	BMPR1B
Synonyms	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;
Gene ID	658
mRNA Refseq	NM_001203
Protein Refseq	NP_001194
MIM	603248
UniProt ID	O00238

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