

Active Recombinant Mouse Bmpr1a protein(Met1-Arg152), His-tagged

Cat. No. Bmpr1a-24M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Bmpr1a protein(NP_033888.2)(Met1-Arg152), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Arg152
similar	Bmpr1a
Alias	BMPR1A; bone morphogenetic protein receptor, type 1A; bone morphogenetic protein receptor type-1A; SKR5; ALK-3; BMPR-1A; BMP type-1A receptor; BMP-2/BMP-4 receptor; activin receptor-like kinase 3; serine/threonine-protein kinase receptor R5; ALK3; Bmpr; BMPR-1A; AU045487; 1110037I22Rik;
Conjugate	C-His
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bioactivity	
MolecularMass	The recombinant mouse ALK3 consists of 140 amino acids after removal of the

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	signal peptide and has a predicted molecular mass of 15.8 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm ALK3 is approximately 30 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 97 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted 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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
GeneName	Bmpr1a bone morphogenetic protein receptor, type 1A [Mus musculus]
GeneNameWeblink	12166
OfficialSymbol	Bmpr1a
OfficialSymbolWeblink	12166
GenelD	12166
GenelDWeblink	12166
mRNARefseq	NM_009758
mRNARefseqWeblink	NM_009758.4

ProteinRefseqWeblink	NP_033888.2
MIMWeblink	
UniProtID	
UniProtIDWeblink	

GENE INFORMATION

Synonyms	BMPR1A; bone morphogenetic protein receptor, type 1A; bone morphogenetic protein receptor type-1A; SKR5; ALK-3; BMPR-1A; BMP type-1A receptor; BMP-2/BMP-4 receptor; activin receptor-like kinase 3; serine/threonine-protein kinase receptor R5; ALK3; Bmpr; BMPR-1A; AU045487; 1110037I22Rik;
MIM	

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