

Datasheet for ABIN5854835

BMPR1A Protein (AA 24-152) (hlgG-His-tag)



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1 Image

Overview

Quantity:	50 µg
Target:	BMPR1A
Protein Characteristics:	AA 24-152
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BMPR1A protein is labelled with hlgG-His-tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPQNLD SML HGTGMKSDSD QKKSENGVTL APEDTLPFLK CYCSGHCPDD AINNTCITNG HCFAII EEDD QGETTLASGC MKYEGSDFQC KDSPKAQLRR TIECCRTNLC NQYLQPTLPP VVIGPFFDGS IRLEPKSCDK THTCPPCPAP ELLGGPSVFL FPPKPKDTLM ISRTPEVTCV VVDVSHEDPE VKFNWYVDGV EVHNAKTKPR EEQYNSTYRV VSVLTVLHQD WLNGKEYKCK VSNKALPAPI EKTISKAKGQ PREPQVYTLP PSRDELTKNQ VSLTCLVKGF YPSDIAVEWE SNGQPENNYK TTPPVLDSDG SFFLYSKLTV DKSRLWQQGNV FSCSVMHEAL HNHYTQKSLS LSPGKHHHHH H
Purity:	> 95% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1 µg of protein (determined by LAL method)

Target Details

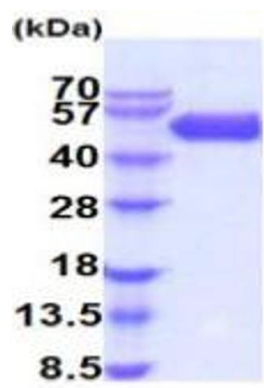
Target:	BMPR1A
Alternative Name:	ALK-3/BMPR1A (BMPR1A Products)
Background:	<p>BMPR1A, also known as bone morphogenetic protein receptor type-1A, is secreted cytokines/growth factors belonging to the Transforming Growth Factor beta (TGFbeta) family. It has been shown to be overexpressed in human breast cancers. Its deletion impairs mammary tumor formation and metastasis. It plays important roles in the differentiation and development of neurons. Its expression is up-regulated during bone formation, and that they may play important roles in bone morphogenesis. Recombinant human BMPR1A, fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.</p>
Molecular Weight:	41.4 kDa (371aa)
NCBI Accession:	NP_004320
UniProt:	P36894
Pathways:	Stem Cell Maintenance

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE
Image 1.