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Datasheet for ABIN7504247
BMPR1A Protein (AA 24-152) (Fc Tag)

Overview

Quantity:	100 µg
Target:	BMPR1A
Protein Characteristics:	AA 24-152
Origin:	Dog
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BMPR1A protein is labelled with Fc Tag.

Product Details

Purpose:	Canine BMPR1A/ALK-3 Protein
Sequence:	Gln24-Arg152
Characteristics:	Recombinant Canine BMPR1A/ALK-3 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Gln24-Arg152.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	BMPR1A
Alternative Name:	BMPR1A (BMPR1A Products)

Target Details

Background:	The type IA bone morphogenetic protein receptor (Bmpr1a), encoded by 11 exons and spanning about 40 kb on chromosome 14 in mice and chromosome 10 in human (Derynck & Feng, 1997, Mishina, Hanks, Miura, Tallquist, & Behringer, 2002), is an essential receptor for BMP signaling.
Molecular Weight:	40.94 kDa. Due to glycosylation, the protein migrates to 50-65 kDa based on Tris-Bis PAGE result.
NCBI Accession:	NP_001138622
Pathways:	Stem Cell Maintenance

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months