

[Go to Product page](#)

Datasheet for ABIN7505025

BMPR2 Protein (AA 27-150) (His tag)

Overview

Quantity:	100 µg
Target:	BMPR2
Protein Characteristics:	AA 27-150
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This BMPR2 protein is labelled with His tag.

Product Details

Sequence:	Ser27-Thr150
Characteristics:	A DNA sequence encoding the Human BMPR2 protein (Q13873) (Ser27-Thr150) was expressed with a N-His.
Purity:	>85 % as determined by reducing SDS-PAGE.

Target Details

Target:	BMPR2
Alternative Name:	BMPR2 (BMPR2 Products)
Background:	Background: On ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators. Binds to BMP7, BMP2 and, less efficiently, BMP4. Binding is weak but enhanced by the

Target Details

	presence of type I receptors for BMPs. Mediates induction of adipogenesis by GDF6. Synonym: BMP type-2 receptor,BMPR-2,Bone morphogenetic protein receptor type II,BMP type II receptor,BMPR-II
Molecular Weight:	26 kDa
UniProt:	Q13873
Pathways:	Growth Factor Binding

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months