

Recombinant Rat Bmpr1a protein, His & T7-tagged

Cat. No. Bmpr1a-576R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Bmpr1a (Q78EA7) aa. (Gln24~Arg152) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Gln24~Arg152
Description	May act as a serine/threonine kinase receptor; may mediate bone morphogenetic protein-induced bone formation.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.0kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 5.9.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4

GENE INFORMATION

Gene Name

Bmpr1a bone morphogenetic protein receptor type 1A [*Rattus norvegicus* (Norway rat)]

Official Symbol

Bmpr1a

Synonyms

Bmpr1a; bone morphogenetic protein receptor type 1A; bone morphogenetic protein receptor type-1A; ALK-3; BMP type-1A receptor; BMPR-1A; activin receptor-like kinase 3; bone morphogenetic protein 4 receptor; bone morphogenetic protein receptor, type IA

Gene ID

81507

mRNA Refseq

NM_030849.1

Protein Refseq

NP_110476.1

UniProt ID

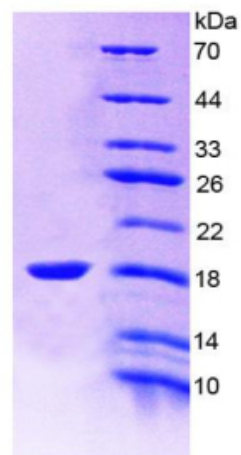
Q78EA7

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE



15% SDS-PAGE

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA