

Active Recombinant Rat Epha4 protein(Met1-Thr547), His-tagged

Cat. No. Epha4-7440R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Epha4 protein(D3ZZK3)(Met1-Thr547), fused with C-terminal His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Met1-Thr547
similar	Epha4
Alias	EPHA4; Eph receptor A4; RGD1560587;
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 rat EPHA4 comprises 539 amino acids and predicts a molecular mass of 59.8 kDa. The apparent molecular mass of the recombinant protein is approximately 71 kDa in SDS-PAGE under reducing conditions due to glycosylation.

 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

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	Epha4 Eph receptor A4 [Rattus norvegicus]
GeneNameWeblink	316539
OfficialSymbol	Epha4
OfficialSymbolWeblink	316539
GenelD	316539
GenelDWeblink	316539
mRNARefseq	NM_001162411
mRNARefseqWeblink	NM_001162411.1
ProteinRefseqWeblink	NP_001155883.1
MIMWeblink	
UniProtID	

 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

UniProtIDWeblink	
------------------	--

GENE INFORMATION

Synonyms	EPHA4; Eph receptor A4; RGD1560587;
----------	-------------------------------------

MIM	
-----	--

 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