Recombinant Rat Epor protein, His-tagged

Cat. No. Epor-601R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Epor (Q5FVS4) aa. (Leu314~Tyr467) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Leu314~Tyr467
Description	Binds erythropoietin and induces an increase in cytosolic calcium ion concentration.
Form	Freeze-dried powder
Molecular Mass	18 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 4.6.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h,

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	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	Epor erythropoietin receptor [Rattus norvegicus (Norway rat)]
Official Symbol	Epor
Synonyms	Epor; erythropoietin receptor; EPO-R
Gene ID	24336
mRNA Refseq	NM_017002.2
Protein Refseq	NP_058698.2
UniProt ID	Q5FVS4

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