

Recombinant Pig KDR protein, His & GST-tagged

Cat. No. KDR-6867P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig KDR aa. (Phe8~Val290 (Accession # F1RWF1)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Pig
Source	E.coli
ProteinLength	Phe8~Val290
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 61.1kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 9.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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Arrhenius equation.) The loss of this protein 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

Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Reconstitution

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

GENE INFORMATION

Gene Name

KDR kinase insert domain receptor [*Sus scrofa* (pig)]

Official Symbol

KDR

Synonyms

FLK-1; flk-1 type VEGF receptor; kinase insert domain receptor (a type III receptor tyrosine kinase); vascular endothelial growth factor receptor 2

Gene ID

397311

mRNA Refseq

XM_003128987.6

Protein Refseq

XP_003129035.3

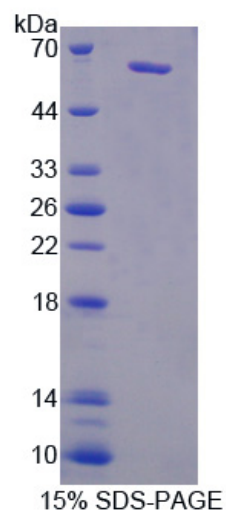
UniProt ID

F1RWF1

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SDS-PAGE

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