

Active Recombinant Rat Ror1 protein, His-tagged

Cat. No. Ror1-1816R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Ror1 protein(Gln 30 - Glu 403), fused with His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Gln 30 - Glu 403
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4, 10% trehalose.
Bio-activity	Immobilized Rat ROR1, His Tag at 2 µg/mL (100 µL/well) can bind Anti-ROR1 Antibody, Human IgG1 with a linear range of 0.078-1.25 µg/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 43.5 kDa. The protein migrates as 60-67 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile

 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



conditions after reconstitution.

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.

GENE INFORMATION

Gene Name Ror1 receptor tyrosine kinase-like orphan receptor 1 [Rattus norvegicus]


Official Symbol Ror1

Synonyms ROR1; receptor tyrosine kinase-like orphan receptor 1;

Gene ID 117094

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