

Recombinant Human ROR1 Protein

Catalog #	Source	Reactivity	Applications
CRP2801	Human cells	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human ROR1 Protein is produced by mammalian expression system and the target gene encoding Gln30-Glu403 is expressed with a 6His tag at the C-terminus.
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Gene Symbol	ROR1
Alternative Names	NTRKR1; Tyrosine-protein kinase transmembrane receptor ROR1; Neurotrophic tyrosine kinase, receptor-related 1
Entrez Gene	4919 (Human)
SwissProt	Q01973 (Human)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	QETELSVSAE LVPTSSWNIS SELNKDSYLT LDEPMNNITT SLGQTAELHC KVSGNPPPTI RWFKNDAPVV QEPRLSFRS TIYGSRLRIR NLDTTDTGYF QCVATNGKEV VSSTGVLFVK FGPPPTASPG YSDEYEEDGF CQPYRGIACA RFIGNRTVYM ESLHMQGEIE NQITAAFTMI GTSSHLSDKC SQFAIPSLCH YAFPYCDETS SVPKPRDLR DECEILENLV CQTEYIFARS NPMILMRLKL PNCELDLPQPE SPEAANCIRI GIPMADPINK NHKCYNSTGV DYRGTVSVTK SGRQCQPWNS QYPHTHTFTA LRFPELNNGGH SYCRNPGNQK EAPWCFTLDE NFKSDLCDIP ACDSKDSKEK NKMEHHHHHH
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH ₂ O. Please aliquot the reconstituted solution to minimize

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C , though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at $2-8^{\circ}\text{C}$ for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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