

Datasheet for ABIN7491137
ROR1 Protein (AA 30-403) (His tag)



[Go to Product page](#)

1 Image

Overview

| | |
|-------------------------------|---|
| Quantity: | 100 µg |
| Target: | ROR1 |
| Protein Characteristics: | AA 30-403 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This ROR1 protein is labelled with His tag. |

Product Details

| | |
|------------------|---|
| Purpose: | Recombinant mouse ROR1 protein with C-terminal 6xHis tag |
| Specificity: | Mouse ROR1 (Gln30-Glu403) 6xHis tag |
| Characteristics: | Extracellular Domain Protein |
| Purification: | Purified from cell culture supernatant by affinity chromatography |
| Purity: | The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining. |

Target Details

| | |
|-------------------|--|
| Target: | ROR1 |
| Alternative Name: | ROR1 (ROR1 Products) |
| Background: | This gene encodes a receptor tyrosine kinase-like orphan receptor that modulates neurite |

Target Details

growth in the central nervous system. The encoded protein is a glycosylated type I membrane protein that belongs to the ROR subfamily of cell surface receptors. It is a pseudokinase that lacks catalytic activity and may interact with the non-canonical Wnt signalling pathway. This gene is highly expressed during early embryonic development but expressed at very low levels in adult tissues. Increased expression of this gene is associated with B-cell chronic lymphocytic leukaemia. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jun 2012]

Molecular Weight: predicted molecular mass of 42.6 kDa after removal of the signal peptide. The apparent molecular mass of mROR1-His is 55-70 kDa due to glycosylation.

UniProt: [Q9Z139](#)

Pathways: [RTK Signaling](#), [WNT Signaling](#), [Nuclear Receptor Transcription Pathway](#), [Steroid Hormone Mediated Signaling Pathway](#), [Regulation of Lipid Metabolism by PPARalpha](#)

Application Details

Restrictions: For Research Use only

Handling

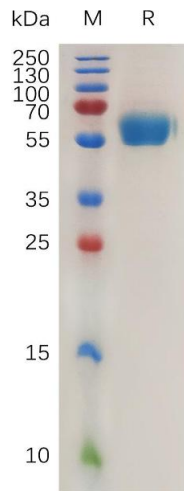
Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



SDS-PAGE

Image 1. Mouse Protein, His Tag on SDS-PAGE under reducing condition.