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32-18422: Human ROR1(838-937) Protein, hFc Tag

Uniprot ID: Q01973 Alternative Name: NTRKR1

Description

Description: Recombinant human ROR1(838-937) Protein with N-terminal human Fc tag

Background: This gene encodes a receptor tyrosine kinase-like orphan receptor that modulates neurite 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.

Molecular Characterization: mass of 36.5 kDa after removal of the signal peptide. The apparent molecular mass of hFc-ROR1(838-937) is approximately 35-55 kDa due to glycosylation.

Tag: N-Human Fc tag

Product Info

Amount: $50 \mu g / 100 \mu g$

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue **Purification:**

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

lyophilization.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for Storage condition:

use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized

proteins are shipped at ambient temperature.

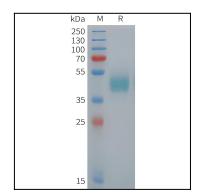


Figure 1. Human ROR1(838-937) Protein, hFc Tag on SDS-PAGE under reducing condition.