

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 µg / 100 µg

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

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

Storage condition : 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.

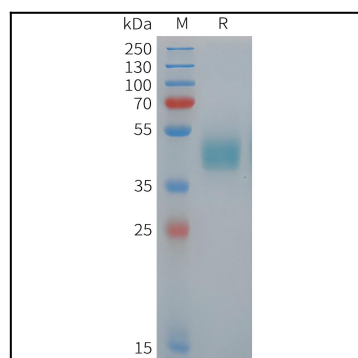


Figure 1. Human ROR1(838-937) Protein, hFc Tag on SDS-PAGE under reducing condition.