

32-17959: Recombinant Mouse ROR1 Protein, His Tag

Uniprot ID : Q9Z139

Alternative Name : Ror1

Description

Molecular Characterization: Mouse ROR1(Gln30-Glu403) 6xHis tag

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

Description: Recombinant mouse ROR1 protein with C-terminal 6xHis tag

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.

Product Info

Amount : 100 µg / 50 µg

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.