

MOUSE ROR1 PROTEIN, HIS TAG

目录: 12193

产品名称: Mouse ROR1 Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: Ror1

Target: ROR1

UNIPROT ID: Q9Z139

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

背景: 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. [provided by RefSeq, Jun 2012]

Species/Host: HEK293

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.

Molecular Characterization: Mouse ROR1(Gln30–Glu403) 6×His tag

纯化:: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

储存和运输: 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.

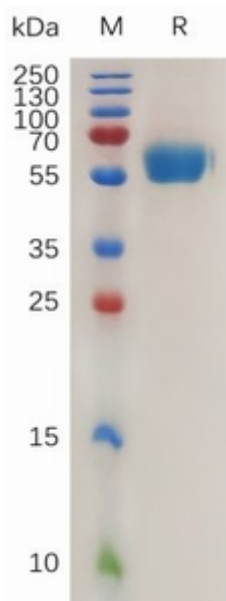


Figure 1. Mouse ROR1 Protein, His Tag on SDS-PAGE under reducing condition.