

32-17143: Recombinant Human ROR1 Protein with C-terminal 6Å—His tag

Alternative Name : ROR1,NTRKR1

Description

Expression Host : HEK293

The protein has a predicted molecular mass of 42.8 kDa after removal of the signal peptide. The apparent molecular mass of ROR1-His is approximately 55-70 kDa due to glycosylation.

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 :	50 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 -80°C for 12 months (Avoid repeated freezing and thawing)

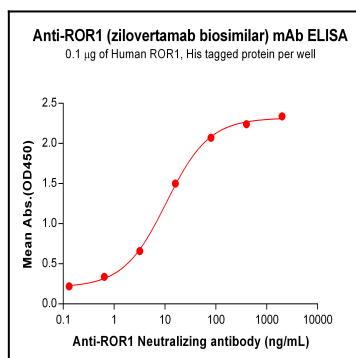


Figure 1. Human ROR1 Protein, His Tag on SDS-PAGE under reducing condition.

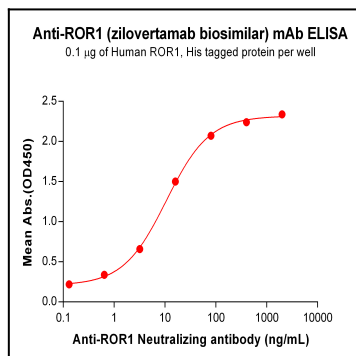


Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human ROR1 (Abeomics 32-17143), His tagged protein can bind Anti-ROR1 Neutralizing antibody (12-9132) in a linear range of 0.64-16 µg/ml.