

Recombinant Human PRL- 2/PTP4A2 Protein(C-6His)

Cat.NO.: TP05120

3th Edition

Synonyms:Protein tyrosine phosphatase type IVA 2;PTP4A2;HU-PP-1;OV-1;PTP(CAAXII);Protein-tyrosine phosphatase 4a2;Protein-tyrosine phosphatase of regenerating liver 2;PRL-2

Description:PTP4A2, also known as PRL2 or PTPCAAX2, is short for Protein tyrosine phosphatase type IVA 2. This protein exists in cell membrane, cytoplasm, endosome and membrane. PTP4A2 is often farnesylated during post-translational modification. Farnesylation is required for membrane targeting and for interaction with RABGGTB. The unfarnesylated forms are redirected to the nucleus and cytosol. It can stimulate progression from G1 into S phase during mitosis and promotes tumors. It also inhibits geranylgeranyl transferase type II activity by blocking the association between RABGGTA and RABGGTB.

Form:PBS

Molecular Weight:20.2 kDa

Sequences:Met 1-Gln167

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.