

PTP4A2, 1-167aa, Human, His tag, E.coli

Cat.NO.: TP03596

3th Edition

Synonyms:Protein tyrosine phosphatase type IVA 2 isoform 1, HH13, HH7-2, HU-PP-1, OV-1, PRL-2, PRL2, ptp-IV1a, ptp-IV1b, PTP4A, PTPCAAX2

Description:Protein tyrosine phosphatase type IVA 2 isoform 1, also known as PTP4A2, belongs to a small class of the protein tyrosine phosphatase (PTP) family. PTP4A2 is localized to the early endosome that play regulatory roles in a variety of cellular processes. This protein was found to interact with the beta-subunit of Rab geranylgeranyltransferase II (beta GGT II), and thus may function as a regulator of GGT II activity.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT,10% glycerol

Molecular Weight:23.2 kDa (203aa), confirmed by MALDI-TOF

Sequences:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMNRPAPVEISYENMRFLITHNPTNATLNKFTEELKKY
GVTTLVRVCDATYDKAPVEKEGIHVLDWPFDDGAPPPNQIVDDWLNLLKTKFREEPGCCVAVHCVAGLGRAPVLV
ALALIECGMKYEDAVQFIRQKRRGAFNSKQLLYLEKYRPKMRLRFRDTNGHCCVQ

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

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.