

NTAL, 27-243aa, Human, His tag, E.coli

Cat.NO.: TP03211

3th Edition

Synonyms:Non-T-cell activation linker, LAT2, HSPC046, LAB, WBSCR15, WBSCR5, WSCR5

Description:NTAL (non-T cell activation linker), as known as LAT2, is transmembrane adaptor protein (TRAP) associated with glycolipid-enriched membrane fractions (GEM or lipid rafts). This protein is primarily expressed in spleen and hematopoietic cells, such as B cells, mast cells, NK cells, and monocytes, but not resting T cells. Defects in NTAL may be a cause of certain cardiovascular and musculo-skeletal abnormalities observed in Williams- Beuren syndrome (WBS).

Form:Liquid. In 20 mM Tris-HCl Buffer (pH 8.0) containing 10% Glycerol

Molecular Weight:26.2 kDa (238aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMRC SRPGAKRSEKIYQQRSLREDQQSFTGSRTYSLVGQAWPGPLADMAPTRKD
KLLQFYPSLEDPASSRYQNFSKGSRHGSEEAYIDPIAMEYYNWGRFSKPPEDDDANSYENVLICKQKTTETGAQQE
GIGGLCRGDL SLSLALKTGPTSGLCPSASPEEDEESEDYQNSASIHQWRESRKVMGQLQREASPGPVGSPDEED
GEPDYVNGEVAATEA

Purity:> 95% by HPLC

Concentration:0.25 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.