

## NTAL Human

**Description:** NTAL Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 238 amino acids (27-243 a.a.) and having a molecular mass of 26.2 kDa. NTAL protein is fused to a 21 amino acid His tag at N-terminus and is purified by standard chromatography.

**Catalog #:** PRPS-834

For research use only.

**Synonyms:** LAT2, Linker for Activation of T Cells Family Member 2, HSPC046, LAB, WBSCR15, WBSCR5, WSCR5, Non-T-cell activation linker, Linker for activation of B-cells, Membrane-associated adapter molecule, Williams-Beuren syndrome chromosomal region 5 protein, Willi

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile filtered colorless solution.

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MRCSRPGAKR SEKIYQQRSL  
REDQQSFTGS RTYSLVGQAW PGPLADMAPT RKDKLLQFYP SLEDPASSRYQNFSKGSRHG  
SEEAYIDPIA MEYYNWGRFS KPPEDDDANS YENVLICKQK TTETGAQQEG IGGLCRGDLS  
LSLALKTGPT SGLCPSASPEEDEESEDYQN SASIHWRES RKVMGQLQRE ASPGPVGSPD  
EEDGEPTYVN GEVA

**Purity:** Greater than 80% as determined by SDS-PAGE.

**Formulation:**

NTAL Human solution containing 20mM Tris HCL pH-8, & 10% glycerol.

**Stability:**

NTAL Human although stable at 4°C for 1 week, should be stored desiccated below -18°C. Please prevent freeze thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

NTAL participates in FCER1 (high affinity immunoglobulin epsilon receptor)-mediated signaling in mast cells. NTAL takes part in BCR (B-cell antigen receptor)-mediated signaling in B-cells and FCGR1 (high affinity immunoglobulin gamma Fc receptor I)-mediated signaling in myeloid cells. Couples activation of these receptors and their associated kinases with distal intracellular events through the recruitment of GRB2.

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