
Product Data Sheet

Product Name: NTAL Human
 Cat. No.: GP24071
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
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; Williams-Beuren syndrome chromosomal region 15 protein.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MRCSRPGAKR SEKIYQQRSL REDQQSFTGS RTYSLVGQAW PGPLADMAPT RKDKLLQFYP SLEDPASSRY QNFSKGSRHG SEEAYIDPIA MEYYNWGRFS KPPEDDDANS YENVLICKQK TTETGAQQEG IGGLCRGDLS LSLALKTGPT SGLCPSASPE EDEESEDYQN SASIHQWRES RKVMGQLQRE ASPGPVGSPD EEDGEPTYVN GEVAATEA.		
Formulation	NTAL Human solution containing 20mM Tris HCL pH-8, & 10% glycerol.		

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.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

NTAL Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide

Caution: Product has not been fully validated for medical applications. For research use only.

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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.

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