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## Product Data Sheet

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Product Name: NDFIP1 Human  
 Cat. No.: GP24022  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	N4WBP5; NEDD4 family-interacting protein 1; Breast cancer-associated protein SGA-1M; NEDD4 WW domain-binding protein 5; Putative MAPK-activating protein PM13; Putative NF-kappa-B-activating protein 164; Putative NFKB and MAPK-activating protein;NDFIP1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMLALAA LAAVEPACGS RYQQLQNEEE SGEPEQAAGD APPPYSSISA ESAAYFDYKD ESGFPKPPSY NVATTLPSYD EAERTKAEAT IPLVGRDED FVGRDDFDDA DQLRIGNDG.		
Formulation	The NDFIP1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.1M NaCl.		

### Introduction

Nedd4 Family Interacting Protein 1 (NDFIP1) is a part of a small group of evolutionarily conserved proteins having 3 transmembrane domains. NDFIP1 is a possible target for ubiquitination by the Nedd4 family of proteins. NDFIP, which is a member of a family of integral Golgi membrane proteins, also modulates EGFR signaling through multiple pathways.

### 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

NDFIP1 Human Recombinant produced in E. coli is a single polypeptide chain containing 139 amino acids (1-116) and having a molecular mass of 14.8kDa. NDFIP1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic

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

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