# Recombinant Nucleotide Binding Oligomerization Domain Containing Protein 1 (NOD1) Instruction Manual

# SIPK556Hu01

### Homo sapiens (Human)

**Source** Prokaryotic expression

**Host** E.coli

Endotoxin Level <1.0EU per 1µg (determined by the LAL method)

**Subcellular Location** Membrane, Cytoplasm

Predicted Molecular Mass 28.0kDa

Accurate Molecular Mass 27kDa(Analysis of differences refer to the manual)

**Residues & Tags** Ala612~Asp826 with N-terminal His Tag

**Buffer Formulation** PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

**Traits** Freeze-dried powder

Purity > 97% Isoelectric Point 9.6

**Applications** Positive Control; Immunogen; SDS-PAGE; WB.

# **SEQUENCE**

ALRRKRKAL WAHLFSSLRG YLKSLPRVQV ESFNQVQAMP
TFIWMLRCIY ETQSQKVGQL AARGICANYL KLTYCNACSA DCSALSFVLH
HFPKRLALDL DNNNLNDYGV RELQPCFSRL TVLRLSVNQI TDGGVKVLSE
ELTKYKIVTY LGLYNNQITD VGARYVTKIL DECKGLTHLK LGKNKITSEG
GKYLALAVKN SKSISEVGMW GNOVGD

#### USAGE

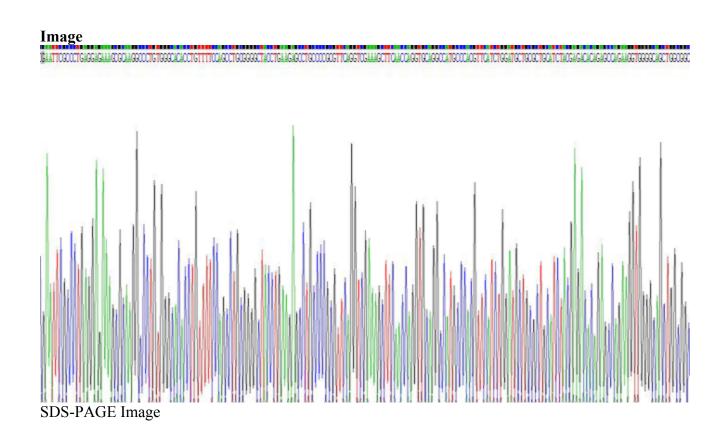
Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

#### **STORAGE**

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

# **STABILITY**

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



# [IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.