

## Product datasheet for TP303602

### NMRAL1 (NM\_020677) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human NmrA-like family domain containing 1 (NMRAL1), 20 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC203602 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MVDKKLWVFGGTGAQGGSVARTLLEDGTFKVRVTRNPRKKA AKELRLQGA EVVQGDQDDQVIMELALN  
GAYATFIVTNYWESCSQEVEVKQGKLLADLARRLGLHYVVYSGLENIKKLTAGRLAAAHFDGKGEVEEYF  
RDIGVPM TSVRLPCYFENLLSHFLPQKAPDGKSYLLSLPTGDVPMDGMSVSDLGPVVL SLLKMPEKYVGQ  
NIGLSTCRHTAE EYAALLTKHTRKVVHDAKMPEDYEKLGFP GARDLANMFRFYALRPDRDIELTLRLNP  
KAL TLDQWLEQHKGDFNLL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 33.2 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_065728](#)

**Locus ID:** 57407



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UniProt ID: [Q9HBL8](#), [A0A384P622](#)

RefSeq Size: 1401

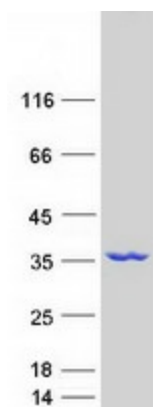
Cytogenetics: 16p13.3

RefSeq ORF: 897

Synonyms: HSCARG; SDR48A1

**Summary:** This gene encodes an NADPH sensor protein that preferentially binds to NADPH. The encoded protein also negatively regulates the activity of NF-kappaB in a ubiquitylation-dependent manner. It plays a key role in cellular antiviral response by negatively regulating the interferon response factor 3-mediated expression of interferon beta. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Feb 2015]

### Product images:



Coomassie blue staining of purified NMRAL1 protein (Cat# TP303602). The protein was produced from HEK293T cells transfected with NMRAL1 cDNA clone (Cat# [RC203602]) using MegaTran 2.0 (Cat# [TT210002]).