

Product datasheet for AR50172PU-N

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OriGene Technologies, Inc.

NEIL1 (1-390, His-tag) Human Protein

Product data:

Product Type: Recombinant Proteins

Description: NEIL1 (1-390, His-tag) human recombinant protein, 50 μg

Species: Human
Expression Host: E. coli

Expression cDNA Clone MGSSHHHHHH SSGLVPRGSH MPEGPELHLA SQFVNEACRA LVFGGCVEKS SVSRNPEVPF

or AA Sequence: ESSAYRISAS ARGKELRLIL SPLPGAQPQQ EPLALVFRFG MSGSFQLVPR EELPRHAHLR FYTAPPGPRL

ALCFVDIRRF GRWDLGGKWQ PGRGPCVLQE YQQFRENVLR NLADKAFDRP ICEALLDQRF

FNGIGNYLRA EILYRLKIPP FEKARSVLEA LQQHRPSPEL TLSQKIRTKL QNPDLLELCH SVPKEVVQLG

GKGYGSESGE EDFAAFRAWL RCYGMPGMSS LQDRHGRTIW FQGDPGPLAP KGRKSRKKKS KATQLSPEDR VEDALPPSKA PSRTRRAKRD LPKRTATQRP EGTSLQQDPE APTVPKKGRR

KGRQAASGHC RPRKVKADIP SLEPEGTSAS

Tag: His-tag
Predicted MW: 45.8 kDa
Concentration: lot specific

Purity: >90% by SDS - PAGE

Buffer: Presentation State: Purified

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1 mM DTT,

0.1 mM PMSF

Preparation: Liquid purified protein

Protein Description: Recombinant human NEIL1 protein, fused to His-tag at N-terminus, was expressed in E.coli

and purified by using conventional chromatography.

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

RefSeq: NP 001243481

 Locus ID:
 79661

 UniProt ID:
 Q96FI4



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Cytogenetics: 15q24.2

Synonyms: FPG1; hFPG1; NEI1

Summary: This gene is a member of the Nei endonuclease VIII-like gene family which encodes DNA

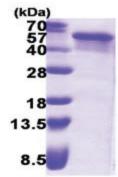
glycosylases. The encoded enzyme participates in the DNA repair pathway by initiating base

excision repair by removing damaged bases, primarily oxidized pyrimidines. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by

RefSeq, Feb 2012]

Protein Families: Druggable Genome
Protein Pathways: Base excision repair

Product images:



15% SDS-PAGE (3ug)