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Datasheet for ABIN7280413

## NEURL2 Protein (AA 1-285) (His tag)

### 1 Image

#### Overview

Quantity:	100 µg
Target:	NEURL2
Protein Characteristics:	AA 1-285
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This NEURL2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

#### Product Details

Sequence: MGSSHHHHHH SSSLVPRGSH MGSMAAASEP VD SGALWGLE RPEPPPTRFH RVHGANIRVD  
PSGTRATRVE SFAHGVCF SR EPLAPGQVFL VEIEEKELGW CGHLRLGLTA LDPASLAPVP  
EFLPDLVNL GHTWVFAITR HHNRVPREGR PEAEAAAPSR PPTLLVEPYL RIEQFRIPRD  
RLVGRSRPGL YSHLLDQLYE LNVLPPTARR SRLGVLF CPR PDGTADMHII INGEDMGPSA  
RGLPAAQPLY AVVDVFASTK SVRLVQLEYG LPSLQTL CRL VIQRSMVHRL AIDGLHLPKE  
LKDFCKYE

Purity: > 85 % by SDS - PAGE

#### Target Details

Target:	NEURL2
Alternative Name:	NEuRL2 ( <a href="#">NEURL2 Products</a> )

## Target Details

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**Background:** NEuRL2 plays an important role in the process of myofiber differentiation and maturation. This protein is probable substrate-recognition component of a SCF-like ECS (Elongin BC-CuL2/5-SOCS-box protein) E3 ubiquitin-protein ligase complex, which mediates the ubiquitination of proteins. It probably contributes to catalysis through recognition and positioning of the substrate and the ubiquitin-conjugating enzyme. During myogenesis, NEuRL2 controls the ubiquitination and degradation of the specific pool of CTNNB1/beta-catenin located at the sarcolemma. Recombinant human NEuRL2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Molecular Weight:** 34.1kDa (308aa)

**NCBI Accession:** [NP\\_542787](#)

**UniProt:** [Q9BR09](#)

## Application Details

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**Application Notes:** Optimal working dilution should be determined by the investigator.

**Comment:** Denatured

**Restrictions:** For Research Use only

## Handling

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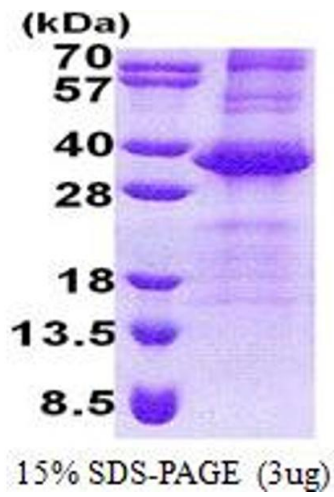
**Format:** Liquid

**Concentration:** 0.5 mg/mL

**Buffer:** Liquid. In 20 mM Tris-HCl buffer ( pH 8.0) containing 0.4M uREA, 10 % glycerol

**Storage:** 4 °C,-20 °C,-80 °C

**Storage Comment:** Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE

Image 1.