

Recombinant Human NEURL2, His-tagged

Cat. No. NEURL2-2297H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NEURL2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	308aa
Description	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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol
Molecular Mass	34.1kDa
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAAASEP VD SGALWGLE RPEPPPTRFH RVHGANIRVD PSGTRATRVE SFAHGVCFSR EPLAPGQVFLVEIEEKELGW CGHLRLGLTA LDPASLAPVP EFSLPDLVNL GHTWVFAITR HHNRVPREGR PEAEAAAPSR PPTLLVEPYL RIEQFRIPRDRLVGRSRPGL YSHLLDQLYE

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LNVLPTARR SRLGVLCPR PDGTADMHII INGEDMGPSA RGLPAAQPLY
AVVDVFASTK SVRLVQLEYGLPSLQTLCLRL VIQRSMVHRL AIDGLHLPKE
LKDFCKYE

Purity >85% by SDS - PAGE

Applications SDS-PAGE

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

Concentration 0.5 mg/ml

GENE INFORMATION

Gene Name [NEURL2 neuralized homolog 2 \(Drosophila\) \[Homo sapiens \]](#)

Official Symbol NEURL2

Synonyms NEURL2; neuralized homolog 2 (Drosophila); C20orf163, chromosome 20 open reading frame 163 , neuralized like 2 (Drosophila); neuralized-like protein 2; dJ337O18.6; FLJ30259; Ozz; Ozz E3; neuralized-like 2; OZZ; Ozz-E3; C20orf163; MGC125934; MGC125935;

Gene ID [140825](#)

mRNA Refseq [NM_080749](#)

Protein Refseq [NP_542787](#)

MIM [608597](#)

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UniProt ID	Q9BR09
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Chromosome Location	20q13.12
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