

## Product Data Sheet

Product Name: NEURL2 Human  
Cat. No.: GP24031  
Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	800x600 800x600 800x600 neuralizedhomolog 2; C20orf163; OZZ; Ozz-E3; Neuralized-like protein 2; NeuralizedHomolog 2; NEURL2. Normal 0 false false false EN-US X-NONE HE MicrosoftInternetExplorer4 /* Style Definitions */ table.MsoNormalTable{mso-style-name:"Table Normal";mso-tstyle-rowband-size:0;mso-tstyle-colband-size:0;mso-style-noshow:yes;mso-style-priority:99;mso-style-parent:"";mso-padding-alt:0cm 5.4pt 0cm 5.4pt;mso-para-margin:0cm;mso-para-margin-bottom:.0001pt;mso-pagination:widow-orphan;font-size:10.0pt;font-family:"Calibri";"sans-serif";}		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAAASEP VDSGALWGLE RPEPPPTRFH RVHGANIRVD PSGTRATRVE SFAHGVCFSR EPLAPGQVFL VEIEEKELGW CGHLRLGLTA LDPASLAPVP EFSLPDLVNL GHTWVFAITR HHNRVPREGR PEAEAAAPSR PPTLLVEPYL RIEQFRIPRDLVGRSRPGL YSHLLDQLYE LNVLPPTARR SRLGVLFPCR PDGTADMHII INGEDMGPSA RGLPAAQPLY AVVDVFASTK SVRLVQLEYG LPSLQTLCLRL VIQRSMVHRL AIDGLHLPKE LKDFCKYE.		
Formulation	The NEURL2 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.		

### Introduction

Neuralized Homolog 2 (NEURL2) takes part in the process of myofiber differentiation and maturation. NEURL2 is probable substrate-recognition component of a SCF-like ECS E3 ubiquitin-protein ligase complex, which mediates the ubiquitination of proteins. NEURL2 contributes to catalysis through recognition and positioning of the substrate and the ubiquitin-conjugating enzyme. NEURL2 regulates the ubiquitin-mediated degradation of

**Caution: Product has not been fully validated for medical applications. For research use only.**  
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beta-catenin during myogenesis.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

NEURL2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 308 amino acids (1-285) and having a molecular mass of 34.1 kDa. NEURL2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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