

**NEURL2, 1-285aa, Human, His tag, E.coli**

**Cat.NO.: TP03144**

3th Edition

**Synonyms:**neuralized homolog 2, C20orf163, OZZ, Ozz-E3

**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. Recombinant human NEURL2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

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

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

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSMMAAASEPVDSGALWGLERPEPPPTRFHRVHGANIRVDPSGTRATRIVESFA  
HGVCFSREPLAPGQVFLVEIEEKELGWCGHLRLGLTALDPASLAPVPEFSLPDLVNLGHTWVFAITRHHNRVPREG  
RPEAEAAAPSRPPTLLVEPYLRIEQFRIPRDRLVGRSRPGLYSHLLDQLYELNVLPPPTARRSRLGVLFPCRPDGTAD  
MHHIINGEDMGPSARGLPAAQPLYAVVDVFASTKSVRLVQLEYGLPSLQTLCLRLVIQRSMVHRLAIDGLHLPKELKDF  
CKYE

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**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.