

## C14ORF129 Human

**Description:** C14ORF129 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 159 amino acids (1-139 a.a.) and having a molecular mass of 17.8kDa. The C14ORF129 is purified by proprietary chromatographic techniques.

**Catalog #:** PRPS-200

For research use only.

**Synonyms:** GSK3-beta interaction protein, GSKIP, C14orf129, HSPC210, MGC4945.

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile Filtered colorless solution.

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH METDCNPMEL SSMSGFEEGS  
ELNGFEGTDM KDMRLAEAV VNDVLFVNN MFVSKSLRCA DDVAYINVET KERNRYCLEL  
TEAGLKVVGY AFDQVDDHLQ TPYHETVYSL LDTLSPAYRE AFGNALLQRL EALKRDGQS.

**Purity:** Greater than 95.0% as determined by SDS-PAGE.

**Formulation:**

The C14ORF129 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 50mM NaCl.

**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.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

GSK3-beta interaction protein (C14orf129) is defined as a naturally occurring protein which is homologous with the GSK3beta interaction domain of Axin and is able to negatively regulate GSK3beta of the Wnt signaling pathway. C14orf129 may affect GSK3 activity on neurite outgrowth by inhibiting the specific phosphorylation of tau (ser396).

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