

## Recombinant Human C14orf129, His-tagged

**Cat. No.** C14orf129    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human C14orf129 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	C14orf129 (GSK3 $\beta$ interaction protein) is defined as a naturally occurring protein that 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 $\beta$ activity on neurite outgrowth by inhibiting the specific phosphorylation of tau (ser396).
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 50mM NaCl
<b>Molecular Weight</b>	17.8kDa (159aa), confirmed by MALDI-TOF
<b>Purity</b>	> 95% by SDS - PAGE
<b>Concentration</b>	1mg/ml (determined by Bradford assay)
<b>Sequences of amino acids</b>	MGSSHHHHHH SGLVPRGSH METDCNPMEL SSMSGFEEGS ELNGFEGTDM KDMRLEAEAV VNDVLFVNN MFVSKSLRCA DDVAYINVET KERNRYCLEL TEAGLKVVGY AFDQVDDHLQ TPYHETVYSL LDTLSPAYRE AFGNALLQRL EALKRDGQS

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**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.

## GENE INFORMATION

**Gene Name** C14orf129 chromosome 14 open reading frame 129 [ Homo sapiens ]

**Synonyms** chromosome 14 open reading frame 129; GSKIP; HSPC210; MGC4945; C14orf129; GSK3-beta interaction protein; GSK3beta interaction protein

**Gene ID** 51527

**mRNA Refseq** NM\_016472

**Protein Refseq** NP\_057556

**UniProt ID** Q9P0R6

**Chromosome Location** 14q32.2

**Function** protein binding

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