
Product Data Sheet

Product Name: C14ORF129 Human
 Cat. No.: GP22921
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	GSK3-beta interaction protein; GSKIP; C14orf129; HSPC210; MGC4945.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH METDCNPMEL SSMSGFEEGS ELNGFEGTDM KDMRLEAEAV VNDVLFVNN MFVSKSLRCA DDVAYINVET KERNRYCLEL TEAGLKVVGY AFDQVDDHLQ TPYHETVYSL LDTLSPAYRE AFGNALLQRL EALKRDGQS.		
Formulation	The C14ORF129 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 50mM NaCl.		

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).

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

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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