

Product datasheet for RC208698L3V

OriGene Technologies, Inc.

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GSK3 alpha (GSK3A) (NM 019884) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: GSK3 alpha (GSK3A) (NM 019884) Human Tagged ORF Clone Lentiviral Particle

Symbol: GSK3 alpha

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

Tag: Myc-DDK

ACCN: NM_019884

ORF Size: 1449 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC208698).

OTI Disclaimer:

Sequence:

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

RefSeq: <u>NM 019884.2</u>

 RefSeq Size:
 2200 bp

 RefSeq ORF:
 1452 bp

 Locus ID:
 2931

 UniProt ID:
 P49840

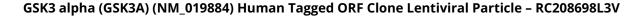
Cytogenetics: 19q13.2

Domains: pkinase, TyrKc, S_TKc

Protein Families: Druggable Genome, Protein Kinase

Protein Pathways: Chemokine signaling pathway





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MW: 51 kDa

Gene Summary: This gene encodes a multifunctional Ser/Thr protein kinase that is implicated in the control of

several regulatory proteins including glycogen synthase, and transcription factors, such as JUN. It also plays a role in the WNT and PI3K signaling pathways, as well as regulates the production of beta-amyloid peptides associated with Alzheimer's disease. [provided by

RefSeq, Oct 2011]