
Product Data Sheet

Product Name: SEPT3 Human
 Cat. No.: GP24523
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Septin 3; SEP3; Neuronal-Specific Septin 3; Neuronal-SpecificSeptin-3; BK250D10.3; Neuronal-specific septin-3.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMSKGLPE TRTDAAMSEL VPEPRPKPAV PMKPMSINSN LLGYIGIDTIIEQMRKKTMK TGFDFNIMVV GQSGLGKSTL VNTLFKSQVS RKASSWNREE KIPKTVEIKA IGHVIEEGGVKMKLTVIDTP GFGDQINNEN CWEPIEKYIN EQYEKFLKEEVNIARKKRIP DTRVHCCLYF ISPTGHSLRP LDLEFMKHL S KVNIIPIVIKADTMTLEEK SEFKQVRKE LEVNGIEFYF QKEFDEDLED KTENDKIRQE SMPFAVVGSD KEYQVNGKRVLGRKTPWGII EVENLNHCEF ALLRDFVIRT HLQDLKEVTH NIHYETYRAK RLNDNGGLPPGEGLLGTVLP PVPATPCPTA E.		
Formulation	SEPT3 protein solution (1mg/ml) containing Phosphatebuffered saline (pH7.4), 10% glycerol and 1mM DTT.		

Introduction

Septin-3, also known as SEPT3 is a member of the septin family of GTPases. Members of this family are essential for cytokinesis. Furthermore, expression is up regulated by retinoic acid in a human teratocarcinoma cell line. The exact role of SEPT3 has not been determined yet. In addition, among its related pathways are Bacterial invasion of epithelial cells.

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

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

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SEPT3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 381 amino acids (1-358 a.a) and having a molecular mass of 43.1kDa.

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