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## Product Data Sheet

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Product Name: KIAA0513 Human  
 Cat. No.: GP23739  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Uncharacterized protein KIAA0513 isoform b.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMETPEVP VGSLIDFGPE APTSSPLEAP PPVLQDGDGS LGDGASESETTESADSENDM GESPSHPSWD QDRRSSNES FSSNQSTEST QDEETLALRD FMRGYVEKIF SGGEDLDQEEKAKFGGEYCSS ENGKGREWFA RYVSAQRCNS KCVSEATFYR LVQSFVAVLF ECHQMDDDFGP AKNLMTMCFTYYHIGKPQLL PPESREKPAG SIDSYLKSAN SWLAEKKDIA ERLKNTSAR TENVKGFFGG LETKLGPLARRNEEDENKP QEKRPRAVTA YSPEDEKKGE KIYLYTHLKQ QPIWHTLRFW NAAFFDAVHC ERTKRSPTTREKWCHMTQEE RDDSLRFNEN ITFGQLGTFT HNMLAFGLNK KLCNDFLKKQ AVIGNLDEEQ YKLLSDHIEQMATE.		
Formulation	KIAA0513 protein solution (0.25mg/ml) in Phosphate buffer saline (pH 7.4) and 10% glycerol.		

### Introduction

Human KIAA0513 is vastly expressed in the brain cortex, cerebellum, hippocampus, amygdala, pons and putamen. While the expression of KIAA0513 is high in neurons, KIAA0513 is also found in glial cells. In schizophrenic patients, higher levels are detected in the dorsolateral prefrontal cortex as compared to control patients.

### 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

KIAA0513 Human Recombinant produced in E.Coli is a single, non-glycosylated

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

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polypeptide chain containing 424 amino acids (1-401 a.a) and having a molecular mass of 47.9kDa. KIAA0513 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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