

**KIAA0513, 1-401aa, Human, His tag, E.coli**

**Cat.NO.: TP02726**

3th Edition

**Synonyms:** uncharacterized protein KIAA0513 isoform b, K0513

**Description:** KIAA0513 also known as uncharacterized protein KIAA0513, is highly expressed in the brain cortex, cerebellum, hippocampus, amygdala, pons and putamen. As the expression is high in neurons, KIAA0513 is also present in glial cells. In schizophrenic patients, higher levels are observed in the dorsolateral prefrontal cortex as compared to control patients. Recombinant human KIAA0513, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:** Liquid. In Phosphate buffer saline (pH 7.4) containing 10% glycerol

**Molecular Weight:** 47.9kDa (424aa) confirmed by MALDI-TOF.

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSMETPEVPVGSLLIDFGPEAPTSSPLEAPPPVLQDGDGSLGDGASESETTESA  
DSENDMGESPSHPSWDQDRRSSNESFSSNQSTESTQDEETLALRDFMRGYVEKIFSGGEDLDQEEKAKFGEYC  
SSENGKGREWFARYVSAQRCNSKCVSEATFYRLVQSFAVVLFECHQMDDFGPAKNLMTMCFTYYHIGKPQLLPP  
ESREKPAGSIDSYLKSANSWLAEEKKDIAERLLKNTSARTENVKGFFGGLETCLKGPLARRNEEDENKPQEKRPRAV  
TAYSPEDKKGEKIYLYTHLKQQPIWHTLRFWNAAFFDAVHCERTKRSPTTREKWCHMTQEERDDSLRFNENITFG  
QLGTFTHNMLAFGLNKKLCNDFLKKQAVIGNLDEEQYKLLSDHIEQMATE

**Purity:** > 95% by HPLC

**Concentration:** 0.25mg/ml (determined by Bradford assay)

**Endotoxin Level:** <1.0 EU per 1 ug of protein (determined by LAL method)

**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.