

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:

MGSSHHHHHSSGLVPRGSHMGSMETPEVPVGLIDFGPEAPTSSPLEAPPPVLQDGDGSLGDGASESETTESA
DSENDMGESPSHPSWDQDRRSSNESFSSNQSTESTQDEETLALRDFMRGYVEKIFSGGEDLDQEEKAKFGEYC
SSENGKGREWFARYVSAQRCSKCVSEATFYRLVQSFVVLFECHQMDDFGPAKNLMTMCFTYYHIGKPQLLPP
ESREKPAGSIDSYLKSANSWLAEEKDIAERLLKNTSARTENVKGGFFGGLETCLKGPLARRNEEDENKPQEKRPRAV
TAYSPEDKKGKGIYLYTHLKQQPIWHTLRFWNAAFFDAVHCERTKRSPTTREKWCHMTQEERDDSLRFNENITFG
QLGTFTHNMLAFGLNKKLCNDLFLKKQAVIGNLDEEQYKLLSDHIEQMATE

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.