

KCTD15, 1-234aa, Human, His tag, E.coli

Cat.NO.: TP02718

3th Edition

Synonyms:BTB/POZ domain-containing protein KCTD15, MGC25497, MGC2628

Description:Potassium channel tetramerisation domain containing 15, also known as KCTD15, may be associated with obesity. KCTD15 was identified as a genetic loci associated with higher than normal body mass index (BMI) in humans along with genes such as GNPDA2, MTCH2, FTO, and TMEM18. Recombinant human KCTD15 protein, fused to His-tag at N-terminus, was expressed in E.coli.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Molecular Weight:28.6kDa (254aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMPHRKERPSGSSLHTHGSTGTAEGGNMSRSLSLTRSPVSPLAAQGIPLPAQLTKS
NAPVHIDVGSHMYTSSLATLTKYPDSRISRLFNGTEPIVLDSLKQHYFIDRDGEIFRYVLSFLRTSKLLL PDDFKDFSL
LYEEARYYQLQPMVRELERWQQEQEQRRRSRACDCLVVRVTPDLGERIALSGEKALIEEVFPETGDVMCNSVNAG
WNQDPHTHVIRFPLNGYCRLNSVQDVL

Purity:> 95% by HPLC

Concentration:1 mg/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.