

Recombinant Human KCTD15, His-tagged

Cat. No. KCTD15-7111H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human KCTD15 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-234aa
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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol
Molecular Mass	28.6kDa (254aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MPHRKERPSG SSLHTHGSTG TAEGGNMSRL SLTRSPVSPL AAQGIPLPAQ LTKSNAPVHI DVGSHMYTSS LATLTKYPDS RISRLFNGTE PIVLDSLKQH YFIDRDGEIF RYVLSFLRTS KLLLPPDDFKD FSLLYEEARY YQLQPMVREL ERWQQEQEQR RRSRACDCLV VRVTPDLGER IALSGEKALI EEVFPETGDV MCNSVNAGWN QDPETHVIRFP LNGYCRLNSV QDVL
Purity	>90% by SDS - PAGE

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Applications	SDS-PAGE
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.
Concentration	1 mg/ml
GENE INFORMATION	
Gene Name	KCTD15 potassium channel tetramerisation domain containing 15 [Homo sapiens]
Official Symbol	KCTD15
Synonyms	KCTD15; potassium channel tetramerisation domain containing 15; BTB/POZ domain-containing protein KCTD15; MGC25497; MGC2628;
Gene ID	79047
mRNA Refseq	NM_001129994
Protein Refseq	NP_001123466
UniProt ID	Q96SI1
Chromosome Location	19q13.12
Function	voltage-gated potassium channel activity;

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