

Product datasheet for **TP762186**

KDM5C (NM_004187) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human lysine (K)-specific demethylase 5C (KDM5C), transcript variant 1, Ser300-Pro700, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Ser300-Pro700) of KDM5C
Tag:	N-His
Predicted MW:	46.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_004178
Locus ID:	8242
UniProt ID:	P41229
RefSeq Size:	6863
Cytogenetics:	Xp11.22
RefSeq ORF:	717
Synonyms:	DXS1272E; JARID1C; MRX13; MRXJ; MRXSCJ; MRXSJ; SMCX; XE169



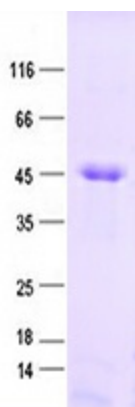
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Summary:

This gene is a member of the SMCY homolog family and encodes a protein with one ARID domain, one JmjC domain, one JmjN domain and two PHD-type zinc fingers. The DNA-binding motifs suggest this protein is involved in the regulation of transcription and chromatin remodeling. Mutations in this gene have been associated with X-linked cognitive disability. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2009]

Protein Families:

Druggable Genome, Transcription Factors

Product images:

Purified recombinant protein KDM5C was analyzed by SDS-PAGE gel and Coomassie Blue Staining.