

Product datasheet for **TP710232**

KDM5A (NM_001042603) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human lysine (K)-specific demethylase 5A (KDM5A), full length, with C-terminal DDK tag, expressed in sf9 insect cells
Species:	Human
Expression Host:	Sf9
Expression cDNA Clone or AA Sequence:	A DNA sequence from TrueORF clone, RC221461, encoding human full-length KDM5A
Tag:	C-DDK
Predicted MW:	192 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, 100 mM glycine, pH 8.0, 10% glycerol
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_001036068
Locus ID:	5927
UniProt ID:	P29375
RefSeq Size:	10835
Cytogenetics:	12p13.33
RefSeq ORF:	5070
Synonyms:	RBBP-2; RBBP2; RBP2



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Summary:

This gene encodes a member of the Jumonji, AT-rich interactive domain 1 (JARID1) histone demethylase protein family. The encoded protein plays a role in gene regulation through the histone code by specifically demethylating lysine 4 of histone H3. The encoded protein interacts with many other proteins, including retinoblastoma protein, and is implicated in the transcriptional regulation of Hox genes and cytokines. This gene may play a role in tumor progression. [provided by RefSeq, Aug 2013]

Protein Families:

Druggable Genome

Product images: