

JMJD6 (2-403 aa) (GST-tagged), Human recombinant protein
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Catalog # PBV11255r**Specification**

JMJD6 (2-403 aa) (GST-tagged), Human recombinant protein - Product info

Primary Accession	Q6NYC1
Calculated MW	73.2 kDa (2-403 aa, NT GST Tag) KDa

JMJD6 (2-403 aa) (GST-tagged), Human recombinant protein - Additional Info

Gene ID	23210
Gene Symbol	JMJD6
Other Names	
KIAA0585; Jumonji Domain Containing 6; PTDSR1	
Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥50%
Assay2&Purity2	HPLC;
Recombinant	Yes
Target/Specificity	
JMJD6	

Format

Liquid

Storage

-80°C; 50 mM HEPES, pH 7.4, containing 150 mM sodium chloride.

JMJD6 (2-403 aa) (GST-tagged), Human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

JMJD6 (2-403 aa) (GST-tagged), Human recombinant protein - Images**JMJD6 (2-403 aa) (GST-tagged), Human recombinant protein - Background**

JMJD6 is a member of the Jumonji C (JmjC)-domain family. This family consists of α -ketoglutarate dependent enzymes which use a cupin fold to coordinate an iron atom. JMJD6 was initially proposed

to function as a histone arginine demethylase. Further studies suggest that JMJD6 has hydroxylase activity towards histone tails, the splicing regulatory protein LUC7-Like2, or single-stranded RNA. Recent evidence suggests that JMJD6 gene expression may be a biomarker for aggressive breast cancers.

JMJD6 (2-403 aa) (GST-tagged), Human recombinant protein - References

Izawa M.,et al.Submitted (OCT-2001) to the EMBL/GenBank/DDBJ databases.
Nagase T.,et al.DNA Res. 5:31-39(1998).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Zody M.C.,et al.Nature 440:1045-1049(2006).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.