



# Recombinant Human Bifunctional arginine demethylase and lysyl-hydroxylase JMJD6 (JMJD6)

<b>Product Code</b>	CSB-BP750768HU
<b>Abbreviation</b>	JMJD6
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q6NYC1
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MNHKSKKRIR EAKRSARPEL KDSLWTRHN YYESFSLSPA AVADNVERAD ALQLSVEEFV ERYERPYPKV VLLNAQEGWS AQEKWTLERL KRKYRNQKFK CGEDNDGYSV KMKMKYYIEY MESTRDDSPY YIFDSSYGEH PKRRKLEDY KVPKFFTDLL FQYAGEKRRP PYRWFVMGPP RSGTGIHIDP LGTSAWNALV QGHRWCLFP TSTPRELIKV TRDEGGNQD EAITWFNVIY PRTQLPTWPP EFKPLEILQK PGETVFPVGG WWHVVLNLDL TIAITQNFAS STNFPVWWHK TVRGRPKLSR KWYRILKQEH PELAVLADSV DLQESTGIAS DSSSDSSSSS SSSSSDSDSE CESGSEGDGT VHRRKKRRTC SMVGNLDTTS QDDCVSKERS SSR
<b>Source</b>	Baculovirus
<b>Target Names</b>	JMJD6
<b>Protein Names</b>	Recommended name: Bifunctional arginine demethylase and lysyl-hydroxylase JMJD6 EC= 1.14.11.- Alternative name(s): Histone arginine demethylase JMJD6 JmjC domain-containing protein 6 Jumonji domain-containing protein 6 Lysyl-hyd
<b>Expression Region</b>	1-403
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This gene encodes a nuclear protein with a JmjC domain. JmjC domain-containing proteins are predicted to function as protein hydroxylases or histone demethylases. This protein was first identified as a putative phosphatidylserine receptor involved in phagocytosis of apoptotic cells; however, subsequent studies have indicated that it does not directly function in the clearance of



apoptotic cells, and questioned whether it is a true phosphatidylserine receptor. Multiple transcript variants encoding different isoforms have been found for this gene.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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