



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

Product Code	CSB-EP750768HU-B
Abbreviation	JMJD6
Storage	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.
Uniprot No.	Q6NYC1
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MNHKSKKRIR EAKRSARPEL KDSLWTRHN YYESFSLSPA AVADNVERAD ALQLSVEEFV ERYERPYPKV VLLNAQEGWS AQEKWTLERL KRKYRNQKFK CGEDNDGYSV KMKMKYYIEY MESTRDDSPY YIFDSSYGEH PKRRKLEDY KVPKFFTDLL FQYAGEKRRP PYRWFVMGPP RSGTGIHIDP LGTSAWNALV QGHRWCLFP TSTPRELIKV TRDEGGNQQD EAITWFNVIY PRTQLPTWPP EFKPLEILQK PGETVFPVGG WWHVVLNLDL TIAITQNFAS STNFPVWWHK TVRGRPKLSR KWYRILKQEH PELAVLADSV DLQESTGIAS DSSSDSSSSS SSSSSDSDSE CESGSEGDGT VHRRKKRRTC SMVGNLDTTS QDDCVSKERS SSR
Source	E.coli
Target Names	JMJD6
Protein Names	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
Expression Region	1-403
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.

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.

Shelf Life

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