



Recombinant Danio rerio N-lysine methyltransferase SMYD2-A (smyd2a)

Product Code	CSB-EP685586DIL
Abbreviation	smyd2a
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.	Q5BJI7
Product Type	Recombinant Protein
Immunogen Species	Danio rerio (Zebrafish) (Brachydanio rerio)
Purity	>85% (SDS-PAGE)
Sequence	MKKEGIEGTE RFLSPGKGRG LKAIKHFKVG DLVFACPAYA YVLTVNERGG RCECCFTRKE GLSKCGKCKQ AYYCNVECQR GDWPMHKLEC SAMCAYGENW CPSETVRLVA RIILKQKHQT ERTPSERVLT LRELEAHLDK LDNEKNEMND TDIAALHHFY SRHLDFPDNA ALTELIAQVN CNGFTIEDEE LSHLGSALFP DVALMNHSCS PNVIVTYKGT VAEVRAVQEI NPEEEIFNSY IDLLYPTEDR IERLKDSYFF NCDCKECTSK SKDEAKMEIR QKLSIPPEEE EIKQMVIYAR NVIEEFRAK HYKTPSELLE ICELSMKMG AIFAETNVYM LHMMYQAMGV CLYMQDWDGA MKYGEKIIHP YSVHYPPYSL NVASMYLKLK RLYLGLEKRT QGVKALKKAL AIMDIAHGKD HPYIDEIKKE MEEQT
Source	E.coli
Target Names	smyd2a
Protein Names	Recommended name: N-lysine methyltransferase SMYD2-A EC= 2.1.1.- Alternative name(s): Histone methyltransferase SMYD2-A EC= 2.1.1.43 SET and MYND domain-containing protein 2A
Expression Region	1-435
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
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	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.