



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

<b>Product Code</b>	CSB-YP685586DIL
<b>Abbreviation</b>	smyd2a
<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>	Q5BJI7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Danio rerio (Zebrafish) (Brachydanio rerio)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	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
<b>Source</b>	Yeast
<b>Target Names</b>	smyd2a
<b>Protein Names</b>	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
<b>Expression Region</b>	1-435
<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>Reconstitution</b>	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.
<b>Shelf Life</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.