

Recombinant Human SETDB1 Protein

Cat. No. SETDB1-6717H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SETDB1 Protein(Q15047)(1-397 aa) was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-397 aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
Molecular Mass	44.8 kDa
AASequence	MSSLPGCIGLDAATATVESEEIAELQQAVVEELGISMEELRHFIDEEEKMDCVQQRK KQLAELETWVIQKESEVAHVDQLFDDASRAVTNCESLVKDFYSKLGQYRDSSSED ESSRPTETIIEIPDEDDVLSIDSGDAGSRTPKDQKLREAMAALRKSAQDVQKFMDAV NKKSSSQDLHKGTL SQMSGELSKDGLIVSMRILGKKRTKTWHKGTLIAIQTVGPGK KYKVKFDNKGKSLLSGNHAIYDYHPPADKLYVGSRVVAKYKDGNGVWLYAGIVAET PNVKNKLRFLIFFDDGYASYVTQSELYPICRPLKKTWEDIEDISCRDFIEEYVTAYPNR PMVLLKSGQLIKTEWEGTWWKSRVEEVDGSLVRILFLVLFFSTILEAEVGGGGT
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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repeated freeze-thaw cycles.

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.

protein Refseq-Weblink

http://www.ncbi.nlm.nih.gov/protein/NP_001138887.1

Unit ID

Q15047

Unit ID-Weblink

<https://www.uniprot.org/uniprot/Q15047>

GENE INFORMATION

Gene Name

SETDB1 SET domain, bifurcated 1 [Homo sapiens]

Official Symbol

SETDB1

Synonyms

SETDB1; SET domain, bifurcated 1; histone-lysine N-methyltransferase SETDB1; ESET; KG1T; KIAA0067; KMT1E; H3-K9-HMTase 4; lysine N-methyltransferase 1E; histone H3-K9 methyltransferase 4; ERG-associated protein with SET domain; ERG-associated protein with a SET domain, ESET; histone-lysine N-methyltransferase, H3lysine-9 specific 4; H3-K9-HMTase4;

Gene ID

9869

mRNA Refseq

NM_001145415

protein Refseq

NP_001138887

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MIM	604396
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SDS-PAGE

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