

Recombinant Human TET2 protein, His-tagged

Cat. No. TET2-311H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TET2 protein(NP_001120680)(1-350 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-350 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ ,17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	MEQDRTNHVEGNRLSPFLIPSPPICQTERLATKLQNGSPLPERAHPEVNGDTKWHS FKSYYGIPCMKGSQNSRVSPDFTQESRGYSKCLQNGGIKRTVSEPSLSGLLQIKKLK QDQKANGERENFGVSQERNPGESSQPNVSDLSDKKESVSSVAQENAVKDFTSFST HNCSPENPELQILNEQEGKSANYHDKNIVLLKNKAVLMPNGATVSASSVEHTHGEL LEKTLNQYYPDCVSIQVQKTTSHINAINSQATNELSCEITHPSHTSGQINSAQTSNSEL PPKPAVVSEACDADDADNASKLAAMLNTCSFQKPEQLQQKSVFEICPSAENNI QGTTKLASGE
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name TET2 tet methylcytosine dioxygenase 2 [Homo sapiens]

Official Symbol TET2

Synonyms

TET2; tet methylcytosine dioxygenase 2; KIAA1546 , tet oncogene family member 2; methylcytosine dioxygenase TET2; FLJ20032; tet oncogene family member 2; probable methylcytosine dioxygenase TET2; MDS; KIAA1546; MGC125715;

Gene ID 54790

mRNA Refseq NM_001127208

Protein Refseq NP_001120680

MIM 612839

UniProt ID Q6N021

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