Order online now!

www.rockland.com
tech@rockland.com
+1 484.791.3823

Datasheet for 009-001-U15S

TET3 protein-GST fusion

Overview

Description:	TET3 recombinant protein-GST fusion protein - 009-001-U15S
Item No.:	009-001-U15S
Size:	20 µg
Reactivity:	H. sapiens (Human)
Origin:	Human
Expressed in:	Sf9 cells

Product Details

Background:	TET3 or Tet methylcytosine deoxygenase 3 is a methylcytosine dioxygenase that catalyzes the conversion of methylcytosine to 5-hydroxymethylcytosine. TET3 which is a member of the ten-eleven translocation (TET) gene family is involved in myelopoiesis, and defects in TET3 have been associated with several myeloproliferative disorders. TET plays an important role in embryonic stem cell maintenance and inner cell mass cell specification (1). TET3 play an important role in the DNA methylation process (2). TET3 Protein is ideal for investigators involved in Signaling Proteins, Methylcytosine Dioxygenase Proteins, Cancer, and Cell Cycle research.
Synonyms:	hCG_40738, tet methylcytosine dioxygenase 3
Species of Origin:	Human
Expressed in:	Sf9 cells
Type:	Recombinant Protein

Target Details

Gene Name:	TET3
Reactivity:	H. sapiens (Human)
Purity/Specificity:	Recombinant human TET3 (724-end) was expressed by baculovirus in Sf9 insect cells using an N-Terminal Glutathione-S-Transferase fusion protein. The purity was determined to be >70% by densitometry.
Relevant Links:	• NCBI - NM_144993

Application Details

Application Note:	TET3 Protein is stored in 50mM Tris-HCl, pH 7.5, 50mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol. TET3 Protein is suitable for use in Western Blot. Expect a band approximately ~140kDa on specific lysates or tissues. Specific conditions for reactivity should be optimized by the end user.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
WB:	User Optimized

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	0.1 µg/µL
Buffer:	See application note.

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store product at –70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Expiration:	Expiration date is one (1) year from date of receipt.

Disclaimer

www.rockland.com
tech@rockland.com
+1 484.791.3823