

Full-Length

SETDB2 (Human) Recombinant Protein (P01)

Catalog # H00083852-P01

Size 50 ug

Specification

Product Description	Human SETDB2 full-length ORF (AAH47434.1, 1 a.a. - 707 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MGEKNGDAKTFWMELEDDGKVDFIFEQVQNVLQSLKQKIKDGSATNKEYIQAMILVNEATIINSSTS IKDPMPTVQKEQENKSNAPSTSCENSFPEDCTFLTGTGNKEILSLEDKVVDVFREKSSSNLSYQS HDCSGACLMKMPLNLKGENPLQLPIKCHFQRRHAKTNSHSSALHVSYPKTPCGRSLRNVEEVFRY LLETENFLFTDNFSFNTYVQLARNYPKQKEVSDVDISNGVESVPISFCNEIDSRKLPQFKYRKT VWPRAYNLTNFSSMFTDSCDCSEGCIDITKCAQLTARNAKTSPLSSDKITTYGYKRLQRQIPTG IYECSSLCKCNRQLCQNRVVQHGPQVRLQVFKTEQKGWGVRCDDIDRGTFVCIYSGRLLSRANT EKSYGIDENGRDENTMKNIFSKKRKLEVACSDCEVEVLPLGLETHPRTAKTEKCPKFSNNPKEL TMTKYDNISRIQYHSVIRDPESKTAIFQHNGKKMEFVSSESVTPEDNDGFKPPREHLNSKTKGAQ KDSSSNHVDEFEDNLLIESDVIDITKYREETPPRSRCNQATTLDNQNIKAIEVQIQKPQEGRSTAC QRQQVFCDEELLSETKNTSSDSLTKFNKGNVFLLDATKEGNVGRFLNHSCCPNLLVQNVFVETH NRNFPLVAFFTNRYVKARTELTWDYGYEAGTVPEKEIFCQCGVNKCRKKIL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	104.17
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)

- Antibody Production
- Protein Array

Gene Info — SETDB2

Entrez GeneID [83852](#)

GeneBank Accession# [BC047434.2](#)

Protein Accession# [AAH47434.1](#)

Gene Name SETDB2

Gene Alias C13orf4, CLLD8, CLLL8, DKFZp586I0123, DKFZp761J1217, KMT1F

Gene Description SET domain, bifurcated 2

Omim ID [607865](#)

Gene Ontology [Hyperlink](#)

Gene Summary Proteins that contain a SET domain, such as SETDB2, modulate gene expression epigenetically through histone H3 (see MIM 601128) methylation. SETDB2 is likely a histone H3 methyltransferase, as it contains both the active site and flanking cysteine residues required for catalytic activity (Zhang et al., 2003 [PubMed 12754510]).[supplied by OMIM]

Other Designations CLLL8 protein|OTTHUMP00000018417

Pathway

- [Lysine degradation](#)

Disease

- [Asthma](#)
- [Eczema](#)
- [Hypersensitivity](#)
- [Respiratory Sounds](#)

- [Rhinitis](#)