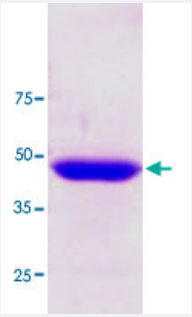
Full-Length

SETD7 (Human) Recombinant Protein

Catalog # P3518 Size 100 ug

Applications



Specification

Product Description	Human SETD7 (NP_085151, 1 a.a. - 366 a.a.) full-length recombinant protein expressed in *Escherichia coli*.
Sequence	MDSDDEMVEEAVEGHLDDDGLPHGFCTVTYSSTDRFEGNFVHGEKNGRGKFFFFDGSTLEGYY VDDALQGQGVYTYEDGGVLQGTYVDGELNGPAQEYDTDGRLIFKGQYKDNIRHGVCWIYYPDGGS LVGEVNEDGEMTGEKIAYVYPDERTALYGKFIDGEMIEGKLATLMSTEEGRPHFELMPGNSVYHF DKSTSSCISTNALLPDPYESERVYVAESLISSAGEGLFSKVAVGPNTVMSFYNGVRITHQEVDSRD WALNGNTLSLDEETVIDVPEPYNHVSKYCASLGHKANHSFTPNCIYDMFVHPRFGPIKCIRTLRAV EADEELTVAYGYDHSPPGKSGPEAPEWYQVELKAFQATQQK
Host	Escherichia coli
Theoretical MW (kDa)	40.7
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purification	Conventional Chromatography
Concentration	1 mg/mL
Purity	> 95% by SDS-PAGE

Endotoxin Level	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Quality Control Testing	Loading 3 ug protein in 10% SDS-PAGE
Storage Buffer	In 50 mM Tris-HCl buffer, 0.2 M NaCl, pH 7.5 (5 mM DTT, 20% glycerol).
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — SETD7

Entrez GeneID	80854
Protein Accession#	NP_085151
Gene Name	SETD7
Gene Alias	FLJ21193, KIAA1717, KMT7, SET7, SET7/9, SET9
Gene Description	SET domain containing (lysine methyltransferase) 7
Omim ID	606594
Gene Ontology	Hyperlink
Other Designations	H3-K4-HMTase|SET domain-containing protein 7|histone H3-K4 methyltransferase|histone H3-lysine 4-specific methyltransferase

Pathway

- Lysine degradation

Disease

- Tobacco Use Disorder