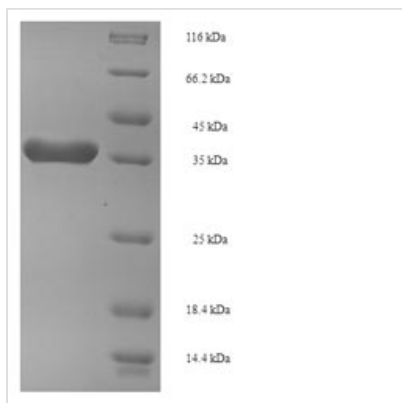




Recombinant Arabidopsis thaliana FACT complex subunit SPT16(SPT16),partial

Product Code	CSB-EP022955DOA
Relevance	Component of the FACT complex, a general chromatin factor that acts to reorganize nucleosomes. The FACT complex is involved in multiple processes that require DNA as a template such as mRNA elongation, DNA replication and DNA repair. During transcription elongation the FACT complex acts as a histone chaperone that both destabilizes and restores nucleosomal structure. It facilitates the passage of RNA polymerase II and transcription by promoting the dissociation of one histone H2A-H2B dimer from the nucleosome, then subsequently promotes the reestablishment of the nucleosome following the passage of RNA polymerase II (Probable).
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	O82491
Storage Buffer	Tris-based buffer,50% glycerol
Alias	Facilitates chromatin transcription complex subunit SPT16
Product Type	Recombinant Protein
Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	DFKKDVLRVDSVPTSSLEGIKEWLDTTDIKYYESKLNLNWRQILKTITDDPQSFI DDGGWEFLNLDGSDSESGGSEESDKGYEPSDVEVESESEDEASESESLVES DDDEEEDSEQESEEEKGKTWDELEREATNADREHGVESDSEEERKRRKMKA FGKSRPGTSGGGGSSSMKNMPPSKRKHR
Research Area	Developmental Biology
Source	E.coli
Gene Names	SPT16
Expression Region	890-1074aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	36.9kDa
Protein Description	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.