



Recombinant Arabidopsis thaliana Translocase of chloroplast 33, chloroplastic (TOC33)

Product Code	CSB-CF521283DOA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O23680
Product Type	Transmembrane Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Sequence	<p>MGSLVREWVGFQQFPAATQEKLIEFFGKLGKQKDMNSMTVLVLGKGGVVGKSST VNSLIGEQ VVRVSPFQAEGLRPVMVSRTMGGFTINIIDTPGLVEAGYVNHQALELIKGFLVN RTIDVL LYVDRLDVYRVDDELDKQVVIAITQTFGKEIWCKTLLVLTHAQFSPPELSYETFS SKRSD SLLKTIRAGSKMRKQEFEDSAIAVVYAENSGRCSKNDKDEKALPNGEAWIPNL VKAITDV ATNQRKAIHVDDKMMVDGYSDDKGGKLIPLIIGAQYLIVKMIQGAIKNDIKTSGKP L</p>
Source	in vitro E.coli expression system
Target Names	TOC33
Protein Names	Recommended name: Translocase of chloroplast 33, chloroplastic Short name= AtToc33 EC= 3.6.5.- Alternative name(s): 33 kDa chloroplast outer envelope protein Plastid protein import 1
Expression Region	1-297
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Shelf Life	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.