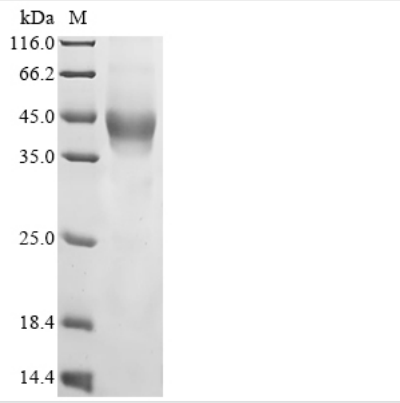
Recombinant Human Transmembrane protein 119 (TMEM119), partial

Product Code	CSB-MP023686HUd9
Abbreviation	Recombinant Human TMEM119 protein, partial
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.	Q4V9L6
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	RSVPLKATFLEDVAGSGEAEGSSASSPSLPPPWTPALSPTSMGPQPITLGGPS PPTNFLDGIVDFFRQYVM
Research Area	Others
Source	Mammalian cell
Target Names	TMEM119
Expression Region	26–96aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal hFc1-tagged
Mol. Weight	36.3 kDa
Protein Length	Partial

Image



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

Description

The region for expressing recombinant Human TMEM119 contains amino acids 26–96. The expected molecular weight for the TMEM119 protein is calculated to

be 36.3 kDa. The TMEM119 protein was expressed in mammalian cell. The C-terminal hFc tag was fused into the coding gene segment of TMEM119, making it easier to detect and purify the TMEM119 recombinant protein in the later stages of expression and purification.

The human transmembrane protein 119 (TMEM119) is a membrane-associated protein primarily expressed in microglia, which are immune cells in the central nervous system. TMEM119 serves as a marker for microglia, and its expression is associated with the homeostatic state of these cells. Microglia play crucial roles in immune responses within the brain and contribute to the maintenance of neural tissue integrity. Understanding TMEM119 expression and its association with microglial function is essential in unraveling the complex interactions between the immune system and the nervous system. Research on TMEM119 contributes to insights into microglial biology and its implications in neuroinflammatory and neurodegenerative conditions.

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.