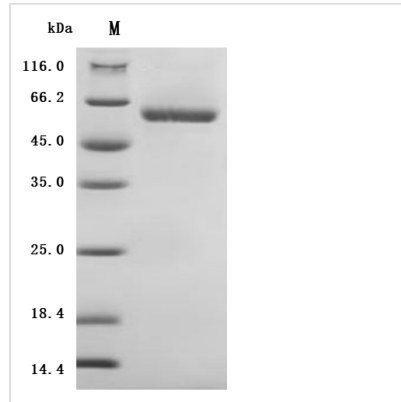




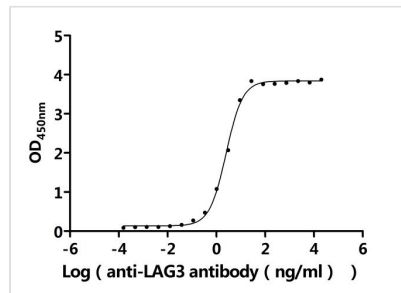
Recombinant Human Lymphocyte activation gene 3 protein (LAG3), partial (Active)

Product Code	CSB-MP012719HU3
Abbreviation	Recombinant Human LAG3 protein, partial (Active)
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.	P18627
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered PBS, 6% Trehalose, pH 7.4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Human LAG3 at 2 µg/mL can bind Anti-LAG3 recombinant antibody(CSB-RA012719MA1HU). The EC50 is 2.306-2.731 ng/mL.
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	LQPGAEVPVWVAQEGAPAQLPCSPTIPLQDLSLLRRAGVTWQHQPDSGPPAA APGHPLAPGHPAAPSSWGP RPRRYTVLSVGPGLRSGRLPLQPRVQLDER GRQRGDFSLWLRPARRADAGEYRAAVHLRDRALSCRLRLRLGQASMTASPP GSLRASDWVILNCSFSRPDRPASVHWFRNRGQGRVPVRESPPHHHLAESFLFL PQVSPMDSGPWG CILTYRDGFNVSIMYNLTVLGLEPPTPLTVYAGAGSRVGLP CRLPAGVGTRSFLTAKWTPPGGGPDLLVTGDNGDFTLRLEDVVSQAQAGTYTC HIHLQEQQLNATVTLAITVTPKSFSGPSLGKLLCEVTPVSGQERFVWSSLDL PSQRSFSGPWLEAQEAQLLSQPWQCQLYQGERLLGAAVYFTELSSPG
Source	Mammalian cell
Target Names	LAG3
Expression Region	23-434aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal 10xHis-tagged
Mol. Weight	46.2 kDa
Protein Length	Partial

Image



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



Activity
 Measured by its binding ability in a functional ELISA. Immobilized Human LAG3 at 2 μg/ml can bind Anti-LAG3 recombinant antibody(CSB-RA012719MA1HU). The EC₅₀ is 2.306-2.731 ng/mL.

Endotoxin

Less than 1.0 EU/ug as determined by LAL method.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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.