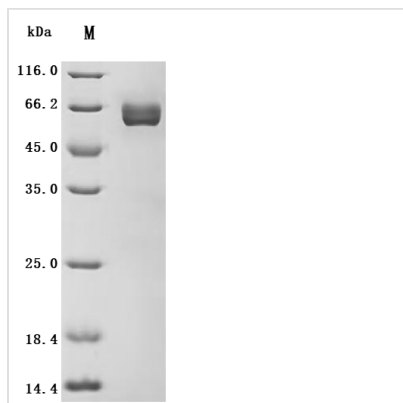


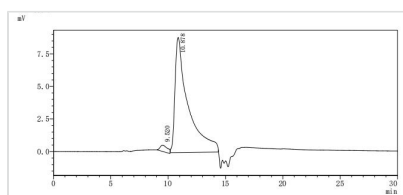


Recombinant Human Atrial natriuretic peptide receptor 3 (NPR3), Partial

Product Code	CSB-MP016025HU1
Abbreviation	Recombinant Human NPR3 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.	P17342
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)
Purity	≥ 95% as determined by SDS-PAGE. ≥ 95% as determined by SEC-HPLC.
Sequence	GGVGGGGGGAGIGGGRQEREALPPQKIEVLVLLPQDDSYLFSLTRVVRPAIEYA LRSVEGNGTGRLLPPGTRFQVAYEDSDCGNRALFSLVDRVAAARGAKPDLIL GPVCEYAAAPVARLASHWDLPMLSAGALAAGFQHKDSEYSHLTRVAPAYAKM GEMMLALFRHHHWSRAALVYSDDKLERNCYFTLEGVHEVFQEEGLHTSIYSF DETKDLLEDIVRNIQASERVVIMCASSDTIRSIMLVHRHGMTSGDYAFFNIEL FNSSSYGDGSWKRGDKHDFAKQAYSSLQTVLLRTVKPEFEKFSMEVKSSV EKQGLNMEDYVNMFVEGFHDAILLYVLALHEVLRAGYSKKGDKGKIIQQTWNRT FEGIAGQVSIDANGDRYGDVFSVIAMTDVEAGTQEVIGDYFGKEGRFEMRPNVK YPWGPKLKRIDENRIVEHTNSSPCKSSGGLEE
Source	Mammalian cell
Target Names	NPR3
Expression Region	27-481aa
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	51.8 kDa
Protein Length	Partial
Image	



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



The purity of NPR3 was greater than 95% as determined by SEC-HPLC

Typical

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.