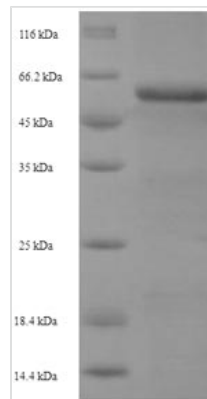




Recombinant Human Glia-derived nexin (SERPINE2)

Product Code	CSB-EP021082HU
Relevance	Serine protease inhibitor with activity toward thrombin, trypsin, and urokinase. Promotes neurite extension by inhibiting thrombin. Binds heparin.
Abbreviation	Recombinant Human SERPINE2 protein
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.	P07093
Alias	Peptidase inhibitor 7 Short name: PI-7 Protease nexin 1 Short name: PN-1 Protease nexin I Serpin E2
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	SHFNPLSLEELGSNTGIQVFNQIVKSRPHDNIVISPHGIASVLGMLQLGADGRT KKQLAMVMRYGVNGVGKILKKINKAIVSKKNKDIVTVANAVFVKNASEIEVPFVT RNKDVVFQCEVRNVNFDPASACDSINAWVKNETRDMIDNLLSPDLIDGVLTRL VLVNAVYFKGLWKSRLFQPKRTFVAADGKSYQVPMLAQLSVFRCGSTSA PNDLWYNFIELPYHGESISMLIALPTESSTPLSAIIPHISTKTIDSWMSIMVPKRV QVILPKFTAVAQTDLKEPLKVLGITDMFDSSKANFAKITTGSENHVSILQKAKI EVSEDTGKASAAATTAILIARSSPPWFIVDRPFLFFIRHNPTGAVLFMGQINKP
Research Area	Cardiovascular
Source	E.coli
Target Names	SERPINE2
Protein Names	Recommended name: Glia-derived nexin Short name= GDN Alternative name(s): Peptidase inhibitor 7 Short name= PI-7 Protease nexin 1 Short name= PN-1 Protease nexin I Serpin E2
Expression Region	20-398aa
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	57.9kDa
Protein Length	Full Length of Mature Protein
Image	



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

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.