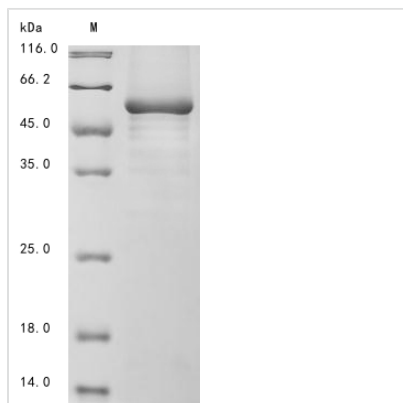




Recombinant Mouse Neuronal pentraxin receptor (Nptxr), partial

Product Code	CSB-BP016031MO
Abbreviation	Recombinant Mouse Nptxr 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.	Q99J85
Product Type	Recombinant Proteins
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	ASVPLAASPARALPGGTDNASAASAAGGSGPQRSLHSAGGSAGPSVLPGEPAASVFPPPPVPLLSRFLCTPLAAACPSGAEQGDAAGERAELLLLQSTAEQLRQTALQQEARIRADRDTIRELTGKLGRCESGLPRGLQDAGPRRDTMADGAWDSPALLLELEDAVRALRDRIERIEQELPARGNLSSAPAPAMPTALHMKMDELECLLAKVLALEKERAALSHGSHQQRQEVEKELNALQGRVAELEHGSSAYSPPDAFKVSIPIRNNYMYARVRKALPELYAFTACMCVRSRSGGSGQGTPFSYSVPGQANEIVLLEAGLEPMELLINDKVAQLPLSLKDSNWHHICISWTTTRDGLWSAYQDGLRGSGENLAAWHPIKPHGILILGQEQDTLGGRFDATQAFVGDIAQFNLWDHALTPAQVLGMANCTGPLMGNVLPWEDKLVEAFGGAKKAAFDVCKGRAKA
Research Area	Others
Source	Baculovirus
Target Names	Nptxr
Protein Names	Recommended name: Neuronal pentraxin receptor
Expression Region	24-493aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	53.8
Protein Length	Partial
Image	



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

Description

The plasmid vector incorporates the gene encoding the Mouse Nptxr protein (24-493aa), generating recombinant plasmid, which is then introduced into baculovirus cells. Selection of positive baculovirus cells is based on their capacity to withstand a particular antibiotic. Subsequently, the baculovirus cells containing the recombinant plasmid are cultivated under conditions that facilitate the expression of the Mouse Nptxr gene. The protein carries a N-terminal 10xHis tag and C-terminal Myc tag. Following expression, affinity purification is employed to isolate and purify the recombinant Mouse Nptxr protein from the cell lysate. Denaturing SDS-PAGE is used to resolve the resulting recombinant protein, enabling an estimation of its purity, exceeding 85%.

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.