



# Recombinant Arabidopsis thaliana Protein NLP7 (NLP7)

<b>Product Code</b>	CSB-BP771162DOA(A4)
<b>Abbreviation</b>	Recombinant Mouse-ear cress NLP7 protein
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q84TH9
<b>Form</b>	Liquid or Lyophilized powder
<b>Storage Buffer</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	≥ 95% as determined by SDS-PAGE. ≥ 90% as determined by SEC-HPLC.
<b>Sequence</b>	MCEPDDNSARNGVTTQPSRSRELLMDVDDLDDGSWPLDQIPYLSSSNRMIS PIFVSSSEQPCSPWAFSDGGGNGFHHATSGGDDEKISSVSGVPSFRLAEY PLFLPYSSPSAAENTTEKHNSFQFPSPLMSLVPPENTDNYCVIKERMTQALRY FKESTEQHVLAQVWAPVRKNGRDLLTTLGQPFVLNPNGNGLNQYRMISLTYM FSVDSESDVELGLPGRVFRQKLPEWTPNVQYYSSKEFSRLDHALHYNVRGTL ALPVFNPSGQSCIGVVELIMTSEKIHAYEVDKVKCALEAVNLKSSEILDHQTQ ICNESRQNALAEILEVLTVCETHNLPLAQTWVPCQHGSVLANGGGLKKNCTS FDGSCMGQICMSTTDMACYVVDAAHVWGFRDACLEHHLKQGQVAGRAFLN GGSCFCRDITKFKTKYPLVHYALMFKLTTCF AISLQSSYTGDDSYILEFFLPSS ITDDQEQLLLGSILVTMKEHFQSLRVASGVDFGEDDKLSFEI IQALPDKKVH SKIESIRVPFSGFKNATETMLIPQPVVQSSDPVNEKINVATVNGVVKEKKKTE KKRGKTEKTISLDVLQYFTGSLKDAAKSLGVCPTTMKRICRQHGISRWPSRKI KKVNRSITKLKRVIESVQGTGGDLTSM AVSSIPWTHGQTS AQPLNSPNGSK PELPNTNNSPNHWSSDHSPNEPNGSPELPPSNGHKRSRTVDESAGTPTSH GSCDGNQLDEPKVPNQDPLFTVGGSPG LLFPYSRDHVSAASFAMPNRLLG SIDHFRGMLIEDAGSSKDLRNLCP TAAFDDKFQDTNWMNNDNNSNNNLYAPP KEEAIANVACEPSGSEMRTVTIKASYKDDIIRFRISSGSGIMELKDEVAKRLKVD AGTFDIKYLDDDNEWVLIACDADLQECLEIPRSSRTKIVRLLVHDVTTNLGSSCE STGEL
<b>Research Area</b>	Epigenetics and Nuclear Signaling
<b>Source</b>	Baculovirus
<b>Target Names</b>	NLP7
<b>Expression Region</b>	1-959aa



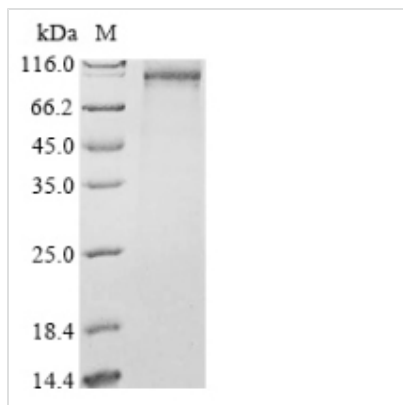
**Notes** Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

**Tag Info** N-terminal 10xHis-tagged

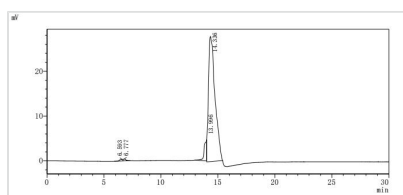
**Mol. Weight** 107.4 kDa

**Protein Length** Full Length

**Image**



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



The purity of CD40 was greater than 90% as determined by SEC-HPLC

**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.