



Recombinant Human NCAM1 Protein Product Manual

1. Product Basic Information

Product No.: REP07563

Protein Name: Antigen Recognized By Monoclonal Antibody 5.1H11 (NCAM1)

Aliases: CD56; NCAM; MSK39; antigen recognized by monoclonal antibody 5.1H11

UniProt ID: P13591

UniProt Link: <https://www.uniprot.org/uniprotkb/P13591/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial of isform 2 (31-677aa)

Molecular Weight: 75.9 kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (31-677aa)

ISVGESKFFLCQVAGDAKDKDISWFSPNGEKLTPNQQRISVWWNDSSSTLTIYNAN
IDDAGIYKCVVTGEDGSESEATVNVKIFQKLMFKNAPTPQEFREGEDAVIVCDVVSS
LPPTIIWKHKGRDVILKKDVRFIVLSNNYLQIRGIKKTDEGTYRCEGRILARGEINFKDI
QVIVNVPPTIQARQNIVNATANLGQSVTLVCDAEGFPEPTMSWTKDGEQIEQEEDD
EKYIFSDDSSQLTIKKVDKNDEAEYICIAENKAGEQDATIHLKVFAKPKITYVENQTAM
ELEEQVTLTCEASGDPIPSITWRTSTRNISSEKTLDGHMVVRSHARVSSLTLKSIQY
TDAGEYICTASNTIGQDSQSMYLEVQYAPKLQGPVAVYTWEGNQVNITCEVFAYPS
ATISWFRDQGQLPSSNYSNIKIYNTPSASYLEVTPDSEDFGNYNCTAVNRIGQESL
EFILVQADTPSSPSIDQVEPYSSTAQVQFDEPEATGGVPILKYKAEWRVAVGEEVWH
SKWYDAKEASMEGIVTIVGLKPETTYAVRLAALNGKGLGEISAASEFKTQPVQGEPS
APKLEGQMGEDGNSIKVNLIKQDDGGSPIRHYLVRYRALSSSEWKPEIRLPSGSDHV
MLKSLDWNAEYEVYVVAE

3. Storage Buffer

Liquid Delivery Form: Tris-based buffer with 50% glycerol.

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.



4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human NCAM1 partial of isform 2 protein (31-677aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. NCAM1, also known as CD56 or NCAM or MSK39, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.