

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

NEU1, 48-415aa, Human, His tag, E.coli

产品货号: TP03143

第三版

**别名:**Sialidase 1 (lysosomal sialidase), NANH, NEU, SIAL1.

**描述:**NEU1 is a lysosomal enzyme that cleaves terminal sialic acid residues from substrates such as glycoproteins and glycolipids. In the lysosome, this enzyme is part of a heterotrimeric complex together with betagalactosidase and cathepsin A. Mutations in this gene can lead to sialidosis, a lysosomal storage disease that can be type 1 (cherry red -myoclonus syndrome or normosomatic type), which is late-onset, or type 2 (the dysmorphic type), which occurs at an earlier age with increased severity.

**配方:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

**分子量:**42.9 kDa (393aa), confirmed by MALDI-TOF

**序列:**

MGSSHHHHHHSSGLVPRGSHMGSHMENDFGLVQPLVTMEQLLWVSGRQIGSVDTFRITLITATPRGTLTLLAFEAARKMSSS  
DEGAKFIALRRSMDQGSTWSPTAFIVNDGDVPDGLNLGAVVSDVETGVVFLFYSLCAHKAGCQVASTMLVWSKDDGVS  
WSTPRNLSLDIGTEVFAPGPGSGIQKQREPRKGR LIVCGHGT LERDGVFCLLSDDHGASWRYGSGVSGIPYGQPKQENDF  
NPDECQPYELPDGVSVINARNQNNYHCHCRIVLRSYDACD TLRPRDVTDFPELVDPVVAAGAVVTSSGIVFFSNPAHPEF  
RVNLT LRWSFSNGT SWRKETVQLWPGPSGYSSLATLEGSMDGEEQAPQLYVLYEKGRNHYTESSISVAKISVYGTL

**纯度:**> 95% by HPLC

**浓度:**0.25 mg/ml

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.