

KORNBERG SEQNOSTICS

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Cat No : KS68511

Product:

Recombinant Protein - ORF3B SARS-CoV2

Expression:

Bacteria

Tag and Terminus:

N-Term MBP Uncleaved

Purification Method:

Amylose resin

Calculated molecular mass:

Mono-Isotopic Mass: 61, 507.47 daltons

Average Mass: 61, 546.19 daltons

Purity:

70 %

Storage Buffer:

50 mM Tris-HCl pH 7.5, 270 mM Sucrose, 150 mM NaCl, 0.1 mM EGTA, 0.1 % 2-mercaptoethanol, 0.03 % Brij-35

Storage Temperature:

-70 °C

Theoretical PI:

4.77

Gel Information :

Gel Image 1:



Native Sequence:

MKIEEGKLVIIWINGDKGYNGLAEVGGKFEKDTGIKVTVEHPDKLEEKFPQVAATGDGPDIIFWA
HDRFGGYAQSGLLAEITPDKAFQDKLYPFTWDAVRYNGKLIAYPIAVEALSLIYNKDLLPNPKT
WEEIPALDKELKAKGKSALMFNLQEPYFTWPLIAADGGYAFKYENGGYDIKDVGVNDAGAKAG
LTFLVDLIKHKHMNADTDYSIAEAAFNKGETAMTINGPWAWSNIDTSKVNYGVTVLPTFKGQPS
KPFVGVLSAGINAASPNKELAKEFLENYLLTDEGLEAVNKDKPLGAVALKSYEEELVKDPRIAAT
MENAQKGEIMPNIQMSAFWYAVRTAVINAASGRQTVDEALKDAQTNSSSNNNNNNNNNNLG
DDDDKVPEFLEVLFGPLGSMRLWLCWKCRSKNPLLYDANYFLCWHTNCYDYCIPYNSVTSSI
VITSGDGTTSPISEHDYQIGGYTEKWESGVKDCVVLHSYFTSDYYQLYSTQLSTDTGVEHVTFE
IYNKIVDEPEEHVQIHTIDGSSGVVNPVMEPIYDEPTTTTTSVPL Amino acids M1 – L151 (end).
Residue M404 of the fusion protein is equivalent to M1 of the native enzyme. The MBP tag is
located at residues 1 – 367.

Protease Cleavage:

PreScission (LEVLFQGP) residues 393 – 400