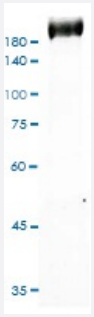
HuPro®

Trimeric Spike (S) (SARS-CoV-2) Recombinant Protein

Catalog # P7923 Size 100 ug

Applications



Trimeric Spike (S) (SARS-CoV-2) Recombinant Protein was separated on SDS-PAGE under the reducing condition and visualized by Coomassie Blue staining.

Specification

Product Description	Trimeric Spike (S) partial recombinant protein with polyhistidine tag at C-terminus expressed in HEK 293 cells.
Sequence	SQCVNLTTRTQLPPAYTNSFTRGVYYPDKVFRSSVLHSTQDLFLPFFSNVTWFHAIHVSGTNGTKR FDNPVLPFNDGVYFASTEKSNIIRGWIFGTTLDSKTQSLLIVNNATNVVIKVCEFQFCNDPFLGVYYH KNNKSWMESEFRVYSSANNCTFEYVSQPFLMDLEGKQGNFKNLREFVFKNIDGYFKIYSKHTPINL VRDLPQGFSALEPLVDLPIGINITRFQTLLALHRSYLTPGDSSSGWTAGAAAYYVGYLQPRTFLLKY NENGTITDAVDCALDPLSETKCTLKSFTVEKGIYQTSNFRVQPTESIVRFPNITNLCPFGEVFNATR FASVYAWNRKRISNCVADYSVLYNSASFSTFKCYGVSPTKLNDLCFTNVYADSFVIRGDEVRQIAP GQTGKIADYNYKLPDDFTGCVIAWNSNNLDSKVGGNYNYLYRLFRKSNLKPFERDISTEIYQAGSTP CNGVEGFNCYFPLQSYGFQPTNGVGYQPYRVVVLSFELLHAPATVCGPKKSTNLVKNKCVNFNF NGLTGTGVLTESNKKFLPFQQFGRDIADTTDAVRDPQTLEILDITPCSFGGVSVITPGTNTSNQVAV LYQDVNCTEVPVAIHADQLTPTWRVYSTGSNVFQTRAGCLIGAEHVNNSYECDIPIGAGICASYQTQ TILRSVASQSIIAYTMSLGAENSVAYSNNSIAIPTNFTISVTTEILPVSMTKTSVDCTMYICGDSTECSN LLLQYGSFCTQLNRALTGIAVEQDKNTQEVFAQVKQIYKTPPIKDFGGFNFSQILPDPSKPSKRSFI EDLLFNKVTLADAGFIKQYGDCLGDIAARDLICAQKFNGLTVLPPLLTDEMIAQYTSALLAGTITSGW TFGAGAALQIPFAMQMAYRFNGIGVTQNVLYENQKLIANQFNSAIGKIQDSLSSTASALGKLQDVVN QNAQALNTLVKQLSSNFGAISSVLNDILSRLDPPEAEVQIDRLITGRLQSLQTYVTQQLIRAAEIRAS ANLAATKMSECVLGQSKRVDFCGKGYHLMSFPQSAPHGVVFLHVTYVPAQEKNFTTAPAICHDG KAHFPREGVFVSNGTHWFVTQRNFYEPQIITTDNTFVSGNCDVVIGIVNNTVYDPLQPELDSFKEE LDKYFKNHTSPDVDLGDISGINASVVNIQKEIDRLNEVAKNLNESLIDLQELGKYEQYIKWPNGTGR MKQIEDKIENITSKIYNITNEIARIKKLIGNRT
Form	Liquid

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Preparation Method	Mammalian cell (HEK 293) expression system
Purification	Ni-NTA chromatography
Purity	> 95% as analyzed by SDS-PAGE.
Endotoxin Level	< 0.1 EU/ ug of protein by the LAL method.
Quality Control Testing	SDS-PAGE Stained with Coomassie Blue. Trimeric Spike (S) (SARS-CoV-2) Recombinant Protein was separated on SDS-PAGE under the reducing condition and visualized by Coomassie Blue staining.
Recommend Usage	Enzyme-linked Immunoabsorbent Assay SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4.
Storage Instruction	Store at -80°C. Avoid repeated freeze/thaw cycles.

Applications

- Enzyme-linked Immunoabsorbent Assay

  Binding assay of Trimeric Spike (S) (SARS-CoV-2) Recombinant Protein coating on ELISA plate is binding by ACE2-hFc and detected by anti-human IgG Fc-HRP.

- SDS-PAGE

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