

Recombinant HCoV-229E Spike protein, His-tagged

Cat. No. Spike-4533H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant HCoV-229E Spike protein(P15423)(16-547aa), fused to C-terminal His tag, was expressed in Mammalian cell. |
| Species | HCoV |
| Source | Mammalian Cells |
| ProteinLength | 16-547aa |
| Form | 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, pH 8.0. |
| Molecular Mass | 60.2 kDa |
| AA Sequence | <p>CQTTNGLNTSYSVCNGCVGYSENVFAVESGGYIPSDFAFNNWFLLTNTSSVVDGVV RSFQPLLLNCLWSVSGLRFTTGFVYFNGTGRGDCKGFSSDVLSDVIRYNLNFEENL RRGITLFKTSYGVVVFYCTNNTLVSGDAHIPFGTVLGNFYCFVNTTIGNETTSAFVGA LPKTVREFVISRTGHFYINGYRYFTLGNVEAVNFVTTAETDFCTVALASYADVLVN VSQTSIANIIYCNSVINRLRCDQLSFDVPDGFYSTSPIQSVELPVSIVSLPVYHKHTFIV LYVDFKQPQSGGKCFNCYPAGVNITLANFNETKGPLCVDTSHFTTKYVAVYANVGR WSASINTGNCPFSFGKVNNFVKFGSVCFLKDIPGGCAMPIVANWAYSKEYTIGSLY VSWSDGDGITGVPQPEGVSSFMNVTLDKCTKYNIDVSGVGVIRVSNDFLNGITY TSTSGNLLGFKDVTKGTIYSITPCNPPDQLVVYQQAVVGAMLSNFSTSYGFSNVVEL PKFFYASNGTYNCTDAV</p> |

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| Purity | Greater than 85% as determined by SDS-PAGE. |
| Storage | Store at -20°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles. |
| Reconstitution | 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. |

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