

Active Recombinant Human ACE2, His-tagged, APC labeled

Cat. No. ACE2-736HA **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ACE2, His-tagged was Conjugated with NH2-Reactive APC(Allophycocyanin).
Species	Human
Source	HEK293
Form	Supplied as a 0.2 µM filtered solution of 20mM Tris-HCl, 150mM NaCl, 0.1mM ZnCl ₂ , 10% Glycerol, pH 7.5.
Bio-activity	Specific Activity is > 800 pmol/min/µg as measured by its ability to cleave a fluorogenic peptide substrate, Mca-YVADAPK(Dnp)-OH
AA Sequence	QSTIEEQAKT FLDKFNHEAE DLFYQSSLAS WNYNTNITEE NVQNMNAGD KWSAFLKEQS TLAQM YPLQEIQNLT VKLQLQALQQ NGSSVLSEDK SKRLNTILNT MSTIYSTGKV CNPDNPQECL LLEPG LNEIMANSLD YNERLWAWES WRSEVGKQLR PLYEEYVVLK NEMARANHYE DYGDYWRGDY EVNGV DGYDYSRGQL IEDVEHTFEE IKPLYEHLHA YVRAKLMNAY PSYISPIGCL PAHLLGDMWG RFWTN LYSLTVFPGQ KPNIDVTDAM VDQAWDAQRI FKEAEKFFVS VGLPNMTQGF WENSMITDPG NVQKA VCHPTAWDLG KGDFRILMCT KVTMDDFLTA HHEMGHIQYD MAYAAQPFL RANGANEGFHE AVGEI MSLSAATPKH LKSGILLSPD FQEDNETEIN FLLKQALTIV GTLPFTYMLE KWRWMVFKGE IPKDQ WMKKWWEMKR EIVGVVEPVP HDETYCDPAS LFHVSNDYSF IRYYYTRTLYQ FQFQEALCQA AKHEG PLHKCDISNS TEAGQKLFNM

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LRLGKSEPWT LALENVVGAK NMNVRPLLNY FEPLFTWLKD QNKNS
 FVGWSTDWSP YADQSIKVR I SLKSALGDKA YEWNDNEMYL FRSSVAYAMR
 QYFLKVKNQ M ILFGE EDVRVANLKP RISFNFFVTA PKNVSDIIPR TEVEKAIRMS
 RSRINDAFRL NDNSLEFLGI QPTLG PPNQPPVSDHHHHHH

Endotoxin	Less than 0.1 ng/μg (1 IEU/μg).
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Storage	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	APC