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Angiotensin-converting enzyme 2, 18-740aa, Rat, His tag, Insect cell

产品货号: TP01157

第三版

别名:ACE2

描述:ACE2, also known as angiotensin-converting enzyme 2, is carboxypeptidase which converts angiotensin I to angiotensin 1-9, a peptide of unknown function, and angiotensin II to angiotensin 1-7, a vasodilator. It is able to hydrolyze apelin-13 and dynorphin-13 with high efficiency and may be an important regulator of heart function. Recombinant rat ACE2, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量:84.7kDa (731aa), 70-100kDa (SDS-PAGE under reducing conditions.)

序列:

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QSLIEEKAESFLNKFNQEAEDLSYQSSLASWNYNTNITEENAQKMNEAAAKWSAFYEEQSKIAQNFSLQEIQNATIKRQLKA  
LQQSGSSALSPDKNKQLNTILNTMSTIYSTGKVCNSMNPQECFLLEPGLDEIMATSTDYNRRLWAWEGWRAEVGKQLRPL  
YEEYVVLKNEMARANNYEDYGDYWRGDYEAEGVEGYNYNRNQLIEDVENTFKEIKPLYEQLHAYVRTKLMEVYPSYISP  
TGCLPAHLLGDMWGRFWTNLYPLTTPFLQKPNIDVTDAMVNSQSWDAERIFKEAEKFFVSVGLPQMTPGFWTNSMLTEP  
GDDRKVVCHPTAWDLGHGDFRIKMCTKVTMDNFLTAAHEMIGHIQYDMAYAKQPFLLRNGANEGFHEAVGEIMLSLSA  
ATPKHLKSIIGLLPSNFQEDNETEINFLKQALTI VGTLPFTYMLEKWRWMVFQDKIPREQWTKKWWEMKREIVGVVEPLP  
HDETYCDPASLFHVSNDYSFIRYYTRTIYQFQFQEQALCQAAKHGDLHKCDISNSTEAGQKLLNMLSLGNSGPWTLALEN  
VVGSRNMDVKPLLNYFQPLFVWLKEQNRNSTVWSTDWSPYADQSIKVRISLKSALGKNAYEWDNEMYLFRSSVAYA  
MREYFSREKNQTVPFGEADVWVSDLKPRVSFNFFVTSPKNVSDIIPRSEVEEAIRMSRGRINDIFGLNDNSLEFLGIYPTLKPP  
YEPPVTLEHHHHHH
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纯度:> 95% by HPLC

浓度:0.5mg/ml (determined by Absorbance at 280nm)

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.