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

产品货号: TP01156

第三版

别名:ACE2, 2010305L05Rik

描述:ACE2, also known as angiotensin-converting enzyme 2, is an integral membrane protein and a zinc metalloprotease of the ACE family that also includes somatic and germinal ACE. ACE2 cleaves angiotensin 1 to angiotensin 1-9 and angiotensin 2 to angiotensin 1-7 as a carboxypeptidase. It may be an important regulator of heart function and have a protective role in acute lung injury. Recombinant mouse 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:84.5kDa (731aa), 70-100kDa (SDS-PAGE under reducing conditions.)

序列:

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QSLTEENAKTFLNFFNQEAEEDLSYQSSLASWNYNTNITEENAQKMSEAAAKWSAFYEEQSKTAQSFSLQEIQTPIIKRQLQA  
LQQSGSSALSADKNKQLNTILNTMSTIYSTGKVCNPKNPQECLLLEPGLDEIMATSTDYNSRLWAWEGWRAEVLGKQLRPL  
YEEYVVLKNEMARANNYNDYGDYWRGDYEAEGADGYNYNRNQLIEDVERTFAEIKPLYEHLHAYVRRKLMMDTYPYISIP  
TGCLPAHLLGDMWGRFWTNLYPLTVPFAQKPNIDVTDAMMNQGWDAERIFQEAKEFFVSVGLPHMTQGFWANSMLT  
EPADGRKVVCHPTAWDLGHGDFRIKMCTKVTMDNFLTAAHEMIGHIQYDMAYARQPFLRNGANEGFHEAVGEIMSL  
SAATPKHLKSIKGLLPDFQEDSETEINFLLKQALTIVGTLPFTYMLEKWRWMVFRGEIPKEQWMKKWVEMKREIVGVVPEP  
LPHDETYCDPASLFHVSNDYSFIRYYTRTIYQFQFQEQALCQAAKYNGSLHKCDISNSTEAGQKLLKMLSLGNSEPWTKALE  
NVVGARNMDVKPLLNYPQLFDWLKEQNRNSFVGNTEWSPYADQSIKVRISLKSALGANAYEWTNNEMFLFRSSVAY  
AMRKYFSIIKNQTVPFLEEDVRVSDLKPRVSFYFFVTSPQNVSDVIPRSEVEDAIRMSRGRINDVFGLNDNSLEFLGIHPTLEP  
PYQPPVTLEHHHHHHH
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纯度:> 95% by HPLC

浓度:1mg/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.