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ADAM10, 214-672aa, Human, His-tag, Baculovirus

产品货号: TP01058

第三版

别名:Disintegrin and metalloproteinase domain-containing protein 10 isoform 1 , ADAM10, AD10, AD18, CD156c, HsT18717, kuz, MADM, RAK

描述:ADAM10, as known as disintegrin and metalloproteinase domain-containing protein 10 isoform 1, is a member of the ADAM family that contains a disintegrin and metalloprotease-like domain. This protein is a sheddase, and has a broad specificity for peptide hydrolysis reactions. Also, it cleaves ephrin, within the ephrin/eph complex, formed between two cell surfaces. When ephrin is freed from the opposing cell, the entire ephrin/eph complex is endocytosed. In neurons, ADAM10 is the most important enzyme with β -secretase activity for proteolytic processing of the amyloid precursor protein. Recombinant human ADAM10, 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:51.6kDa (467aa), 50-70kDa (SDS-PAGE under reducing conditions.)

序列:

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TTSAEKNTCQLYIQTDHLFFKYYGTREAVIAQISSHVKAIDTIYQTDFSGIRNISFMVKRIRINTTADEKDPTNPFRRPNIGV  
EKFLELNSEQN HDDYCLAYVFTDRDFDDGVLGLAWVGAPSGSSGGICEKSKLYSDGKKKSLNTGIITVQNYGSHVPPKVS  
HITFAHEVGHNFGSPHDSGTECTPGESKNLGGKENGNYIMYARATSGDKLNNKFSLSIRNISQVLEKRN NCFVESGQ  
PICNGMVEQGEEDCGYSDQCKDECCFDANQPEGRKCKLKPGKQCSPSQGPCCTAQCAFKSKSEKCRDDSDCAREGI  
CNGFTALCPASDPKPNFTDCNRHTQVCINGQCAGSICEKYGLEECTCASSDGKDDKELCHVCCMCKMMDPSTCASTGSV  
QWSRHFSGRTITLQPGSPCNDFRGYCDVFMRCRLVDADGPLARLKKAI FSPELYENIAELEHHHHHH
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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.