

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

UBA2, 1-640aa, Human, His tag, Baculovirus

产品货号: TP04369

第三版

别名:SUMO-activating enzyme subunit 2, UBA2, ARX, HRIHFB2115, SAE2

描述:UBA2, also known as SUMO-activating enzyme subunit 2, is a family of small and related proteins that can be enzymatically attached to a target protein by a post-translational modification process termed sumoylation. It is conjugated to a variety of molecules in the presence of the SAE1/UBA2 SUMO-activating(E1) enzyme and the UBE2I/Ubc9 SUMO-conjugating(E2) enzyme. It may represent an important mechanism to protect neurons during episodes of cerebral ischemia. Recombinant human UBA2, 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:72.3kDa (649aa); 70-100kDa (SDS-PAGE under reducing conditions)

序列:

ADLMALSRGLPRELAEAVAGGRVLVVGAGGIGCELLKNLVLTGFSHIDLIDLDITIDVSNLNRQFLFQKKHVGRSKAQVAK
ESVLQFYPKANIVAYHDSIMNPDYNVEFFRQFILVMNALDNRAARNHVNRMCCLAADVPLIESGTAGYLGQVTTIKKGVT
ECYECHPKPTQRTFPGCTIRNTPSEPIHCIVWAKYLFNQLFGCEEDADQEVSPDRADPEAAWEPTAEARARASNEDGDIKR
ISTKEWAKSTGYDPVKLFTKLFKDDIRYLLTMDKLRKRKPPVPLDWAEVQSQGEETNASDQQNEPQLGLKDQQVLDV
KSYARLFSKSIETLRVHLAEKGDGAELIWDKDDPSAMDFVTSANLRMHIFSMNMKSRFDIKSMAGNIIPAIATTTNAVIAGL
IVLEGLKILSGKIDQCRTIFLNKQPNPRKLLVPCALDPPNPNCYVCASKPEVTVRLNVHKVTVLTLQDKIVKEKFAMVAP
DVQIEDGKGTILISSEEGETEANNHKKLSEFGIRNGSRLQADDLQDYTLINILHSEDLGKDVFEFEVVGDAPEKVGPKQAE
DAAKSITNGSDDGAQPSTSTAQEQDDVLIVDSDEEDSSNNADVSEEERSRKRKLDEKENLSAKRSRIEQKEELDDVIALDH
HHHHH

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.