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AMN, 20-357aa, Human, His tag, E.coli

产品货号: TP01147

第三版

别名:protein amnionless, PRO1028

描述:AMN, also known as amnionless, is a type I transmembrane protein. A complex of amnionless and cubilin forms the cubam receptor. This protein is necessary for efficient absorption of vitamin B12. It is thought to modulate bone morphogenetic protein (BMP) receptor function by serving as an accessory or coreceptor, and thus facilitates or hinders BMP binding. Recombinant human AMN protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT

分子量:38.2 kDa (361aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSVSKLWVPNTDFDVAANWSQNRTPCAGGAVEFPADKMVSVLVQEGHAVSDMLLP
LDGELVLASGAGFGVSDVGSHLDCGAGEPAVFRDSDRFSWHDPHLWRSRGDEAPGLFFVDAERVPCRHDDVFFPPSASFR
VGLGPGASPVRVRSISALGRTFTRDEDLAVFLASRAGRFRFHGPGALVGPEDCADPSGCVCGNAEAQPWICAALLQPLG
GRCPQAACHSALRPQQGCCDLCGAVVLLTHGPAFDLERYRARILDFTLGLPQYHGLQVAVSKVPRSSRLREADTEIQVVL
VENGPETGGAGRLARALLADVAENGEALGVLEATMRESGAHVWGSS

纯度:> 95% by HPLC

浓度:0.5 mg/ml (determined by Bradford assay)

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.