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IMPACT, 1-320aa, Human, His tag, E.coli

产品货号: TP02655

第三版

别名:protein IMPACT, RWDD5

**描述:**IMPACT belongs to the IMPACT family and contains 1 RWD domain. This protein is translational regulator that ensures constant high levels of translation under amino acid starvation and acts by interacting with GCN1/GCN1L1, thereby preventing activation of GCN2 protein kinases (EIF2AK1 to 4) and subsequent down-regulation of protein synthesis. Recombinant human IMPACT 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 0.15M NaCl, 10% glycerol, 1mM DTT

**分子量:**38.9kDa (343aa), confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMGSM AEGDAGSDQRQNEEIEAMAAIYGEEWCVIDDCAKIFCIRISDDIDDPKWTLC LQ  
VMLPNEYPGTAPPIYQLNAPWLKGQERADLSNSLEEIYIQNIGESILYLWVEKIRDVLIQKSQMTEPGPDVKKKTEEDVEC  
EDDLILACQPESV KALDFDISETRTEVEVEELPPIDHGIPITDRRSTFQAHLAPVVCPKQVKMVL SKLYENKKIASATHNIY  
AYRIYCEDKQTF LQDCEDDGETAAGRLLHLMEILNVKNVMVVVSRWYGGILLGPDRFKHINNCARNILVEKNYTN SPE  
ESSKALGKNKKVRKDKKRNEH

**纯度:**> 95% by HPLC

**浓度:**1.0 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.