

AR51090PU-N

Human IMPACT (1-320, His-tag) - Purified

Alternate names:	Imprinted and ancient gene protein homolog
Quantity:	0.5 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	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
Uniprot ID:	Q9P2X3
NCBI:	NP_060909
GeneID:	55364
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Description:	AA Sequence: MGSSHHHHH SSGLVPRGSH MGSM AEGDAG SDQRQNEEIE AMAAIYGEW CVIDDCAKIF CIRISDDIDD PKWTLCLQVM LPNEYPGTAP PIYQLNAPWL KGQERADLSN SLEEIIYQNI GESILYLWVE KIRDVLIQKS QMTEPGPDVK KKTEEDVEC EDDLILACQP ESSVKALDFD ISETRTEVEV EELPPIDHGI PITDRRSTFQ AHLAPVVCPK QVKMVL SKLY EN Molecular weight: 38.9 kDa (343aa), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Habibi,D., et al. (2010) J. Cell. Physiol. 225 (1), 196-205Pereira,C.M., et al. (2005) J. Biol. Chem. 280 (31), 28316-28323

Pictures:

