

Impact RWD Domain Protein Human Recombinant

Item Number	rAP-4011
Synonyms	RWDD5, Protein IMPACT, Imprinted and ancient gene protein homolog, IMPACT.
Description	IMPACT Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 343 amino acids (1-320 a.a.) and having a molecular mass of 38.9kDa.IMPACT is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q9P2X3
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAEGDAG SDQRQNEEIE AMAAIYGEEW CVIDDCAKIF CIRISDDIDD PKWTLCLQVM LPNEYPGTAP PIYQLNAPWL KGQERADLSN SLEEIYIQNI GESILYLWVE KIRDVLIQKS QMTEPGPDVK KKTEEDVEC EDDLILACQP ESSVKALDFD ISETRTEVEV EELPPIDHGI PITDRRSTFQ AHLAPVVCVPK QVKMVLSKLY ENKKIASATH NIYAYRIYCE DKQTFLQDCE DDGET-AAGGR LLHLMEILNV KNVMVVSRW YGGILLGPDR FKHINNCARN ILVEKNYNTNS PEESSKALGK NKKVRKDKKR NEH.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Formulation and Purity	IMPACT protein solution (1mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**