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Product datasheet for AR51861PU-N

Transglutaminase-2 (TGM2) (1-686, His-tag) Human Protein

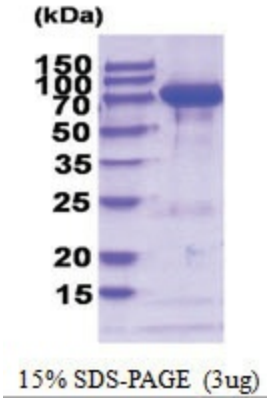
Product data:

Product Type:	Recombinant Proteins
Description:	Transglutaminase-2 (TGM2) (1-686, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMAEELLL ERCDLEIQAN GRDHHTADLC QEKLVLRRGQ RFRLTLYFEG RGYEASVDSL TFGAVTGPDP SEEAGTKARF SLSDNVEEGS WSASVLDQQD NVLSLQLCTP ANAPIGLYRL SLEASTGYQG SSFVLGHFIL LYNAWCPADD VYLDSEEERR EYVLTQQGFI YQGSVKFIKS VPWNFGQFED GILDTCLMLL DMNPKFLKNR SRDCSRRSSP IYVGRVVSAM VNCNDDQGVL LGRWDNNYGD GISPMAWIGS VDILRRWKEH GCQQVKYGQC WVFAAVACTV LRCLGIPTRV VTNYNSAHDQ NSNLLIEYFR NEFGELESNK SEMIWNFHCW VESWMTRPDL QPGYEGWQAI DPTPQEKSEG TYCCGPVSVR AIKEGDLSTK YDAPFVFAEV NADVVDWIRQ EDGSVLKSIN RSLVVGQKIS TKSVGRDDRE DITHTYKYPE GSPEEREVFT KANHLNKLAE KEETGVAMRI RVGDSMSMGN DFDVFAHIGN DTSETRECRL LLCARTVSYN GVLGPECGTE DINLTLDPYS ENSIPLRILY EKYSGCLTES NLIKVRGLLI EPAANSYLLA ERDLYLENPE IKIRVLGEPK QNRKLVAEVS LKNPLSDPLY DCIFTVEGAG LTKEQKSVEV SDPVPAGDLV KARVDLFPTD IGLHKLVVNF QCDKLKSVKG YRNVIIGPA
Tag:	His-tag
Predicted MW:	79.4 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Liquid, In Phosphate buffered saline (pH 7.4) containing 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant mouse Tgm2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
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.

View online »

Stability:	Shelf life: one year from despatch.
RefSeq:	NP_033399
Locus ID:	21817
UniProt ID:	P21981
Cytogenetics:	2 78.72 cM
Synonyms:	G[a]h; TG2; TGase2; tTG; tTGas
Summary:	Catalyzes the cross-linking of proteins and the conjugation of polyamines to proteins. [UniProtKB/Swiss-Prot Function]

Product images:



15% SDS-PAGE (3ug)