

Product datasheet for TP524458

Col10a1 (NM_009925) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse collagen, type X, alpha 1 (Col10a1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR224458 representing NM_009925 Red =Cloning site Green =Tags(s) MLPQIPFLLLMFLTLVHGMFYAERYQTPTGIKGLASPKTQYFIPYAIKSKGIPVRGEQGIPGPPGPTGPRGHPGPGSGPPGKPGYGSPGLQGEPLGPPGISATGKPLGPPGKPGERGPYGHKGDIGPAGLPGPRGPPGPPGIPGAGISVPGKPGQQGLTGAPGRGFPGEKGAQGAPGVNCRKGETGYGSPGRPGERGLPGPQGP IGPPGSPGVRRGENGFPGQPGIKGDRGFPGEMGSPGPPGQPPGKQREGIGKPGAIGSPGQPGIPGE KGHPGAPGIAGPPGAPGFGKQLPGLRGQRGPAGLPAGPAKGERGPAGHPGEPGLPGSPGNMGPQGPKG IPGNHGIPIGAKGEIGLVGPAGPPGARGARGPPGLDGKTGYPGEPGLNGPKGNPGLPGQKGDGPGVGGT RGPVGPVGAAGVPHNGEAGPRGEPGIPGTRGPTGPPGVPGFPGSKGDPGNPAGPAGIATKGLNGPTG PPGPPGPRGHSGEPLGPPGPPGPPGQAVMPDGFKAGQRPRLSGMPLVSAHGVGTGMPVSAFTVILSK AYPAVGAIPFDEILYNRQQHYDPRSGIFTCKIPGIYFSYHVHVKGTHVWVGLYKNGTPTMYTYDEYSK GYLDQASGSAIMELTENDQVWLQLPNAESNGLYSSEYVHSSFSGFLVAPM TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	67.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq:	NP_034055
Locus ID:	12813
UniProt ID:	Q05306
RefSeq Size:	3139
Cytogenetics:	10 18.85 cM
RefSeq ORF:	2040
Synonyms:	Col10; Col10a-1
Summary:	Type X collagen is a product of hypertrophic chondrocytes and has been localized to presumptive mineralization zones of hyaline cartilage.[UniProtKB/Swiss-Prot Function]