

Recombinant Human FAM20C protein, His-tagged

Cat. No. FAM20C-26H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FAM20C(Met1-Arg584) fused with His tag at C-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	1-584 a.a.
Description	This gene encodes a member of the family of secreted protein kinases. The encoded protein binds calcium and phosphorylates proteins involved in bone mineralization. Mutations in this gene are associated with the autosomal recessive disorder Raine syndrome.
Predicted N Terminal	Leu 23
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, pH 8.0, 10 % glycerol.
Molecular Mass	Predict a molecular mass of 65.1 kDa
Endotoxin	<1.0 EU per µg protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade

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Storage

Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

GENE INFORMATION

Gene Name	FAM20C family with sequence similarity 20, member C [Homo sapiens]
Official Symbol	FAM20C
Synonyms	FAM20C; family with sequence similarity 20, member C; dentin matrix protein 4; DKFZp547D065; DMP4; IMAGE:4942737; RNS; DMP-4; DKFZp547C074;
Gene ID	56975
mRNA Refseq	NM_020223
Protein Refseq	NP_064608
MIM	611061
UniProt ID	Q8IXL6
Chromosome Location	7p22.3
Function	calcium ion binding; protein binding; protein serine/threonine kinase activity

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