

#### OriGene Technologies, Inc.

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# Product datasheet for PH310790

### LECT2 (NM\_002302) Human Mass Spec Standard

#### **Product data:**

Description:ECT2 MS Standard C13 and N15-Jabeled recombinant protein (NP_002293)Species:HumanSpecies:HEX83Expression DNA CompRC10790Predicted MW:CA10790Predicted MW:SC20390 protein sequence Redictioning site Green=Tags(s)Protein Sequence:RC20390 protein sequence Redictioning site Green=Tags(s)Targ:CA10xPDKTarg:CA10xPDKTarg:Solossperavi	Product Type:	Mass Spec Standards
Expression Host:HEK293Expression DNA CloopRC210790Predicted MW:16.4 kDaProtein Sequence:RC210790 protein sequence Red=Cloning site Green-Tags(s)MrSTKALLLAGLISTALAGPWANICAGKSSNEIRTCDRHGGQYSAQRSQRPHQGVDVLCSAGSTVYAPF TGMIV0GEKPYQMNNINNGRISGRGFCVKMFYIRPIKYKGPIKKGEKLGTLLPLQKVPEQSHVHIE NCSSDFAVLTag:	Description:	LECT2 MS Standard C13 and N15-labeled recombinant protein (NP_002293)
Spression cDNA CloomRC210790Predicted MW:16.4 kDaProtein Sequence: Rcd=Cloning site Green=Tags(s)Protein Sequence: Rcd=Cloning site Green=Tags(s)MFSTKALLLAGLISTALAGPWANICAGKSSNEIRTCDRHGCGQYSAQRSQRPHQCVDVLCSAGSTYVAPF TMTVQGEKPYQNKNAINNGVRISGRGFCVKHFYIKPIKYKGPIKKGEKLGTLLPLQKVYPGIQSHVHIE NCDSSDPTAYLTag:MFSTKALLLAGLISTALAGPWANICAGKSSNEIRTCDRHGCGQYSAQRSQRPHQCVDVLCSAGSTYVAPF TMTVQGEKPYQNKNAINNGVRISGRGFCVKHFYIKPIKYKGPIKKGEKLGTLLPLQKVYPGIQSHVHIE NCDSSDPTAYLTag:NFSTKALLLAGLISTALAGPWANICAGKSSNEIRTCDRHGCGQYSAQRSQRPHQCVDVLCSAGSTYVAPF TMTVQGEKPYQNKNAINNGVRISGRGFCVKHFYIKPIKYKGPIKKGEKLGTLLPLQKVYPGIQSHVHIE NCDSSDPTAYLTag:NFSTKALLLAGLISTALAGPWANICAGKSSNEIRTCDRHGCGQYSAQRSQRPHQCVDVLCSAGSTYVAPF TMTVQGEKPYQNKNAINNGVRISGRGFCVKHFYIKPIKYKGPIKKGEKLGTLLPLQKVYPGIQSHVHIE NCDSSDPTAYLTag:NFSTKALLLAGLISTALAGPWANICAGKSSNEIRTCDRHGCGQYSAQRSQRPHQCVDVLCSAGSTYVAPF TMTVQGEKPYQNKNAINNGVRISGRGFCVKHFYIKPIKYKGPIKKGERLGTLLQKVYPGIQSHVHIE NCDSSDPTAYLTag:NFSTKALLLAGLISTALAGPWANICAGKSSNEIRTCDRHGCGQYSAQRSQRPHQCVDVLCSAGSTYVAPF TMTVQGEKPYQNKNAINNGVRISGRGFCVKHFYIKPIKYKGPIKKGERLGTLLQKVYPGIQSHVHIE NCDSSDPTAYLTag:NGN/VDLCSTag:NGN/VDLCSSubilitionStabledorting toppeated freeze-thaw cycles.RefseqNP 002293Refseq ORF:NF002293Refseq ORF:StabledortingSubilitionStabledortingSubilition:StabledortingSubilition:StabledortingSubilition:StabledortingSubilition:StabledortingSubilition:StabledortingSubilition:StabledortingSub	Species:	Human
or AA Sequence:Predicted MW:16.4 kDaProtein Sequence: Red=Cloning site Green=Tags(s)Protein Sequence: Red=Cloning site Green=Tags(s)MFSTKALLLAGLISTALAGPWANICAGKSSNEIRTCDRHGCGQYSAQRSQRPHQGVDVLCSAGSTVYAPF TGMIVGQEKPYQMKNAINNGVRISGRGFCVKMFYIKPIKYKGEKLGTLLPLQKVYPGIQSHVHIE NCDSSDPTAYLTag:CMyc/DDKPurity:S0% as determined by SDS-PAGE and Coomassie blue stainingPurity:S0% as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:S10m Tris-HCI, 100 mM glycine, pH 7.3Storage:Store at -80°C. Avoid repeated freeze-thaw cycles.RefSeq.NP_002293RefSeq ORF:453Agnonyms:cim-II; chm2Locus ID:3950	Expression Host:	HEK293
Protein Sequence: Red=Cloning site Green=Tags(s)MFSTKALLLAGLISTALAGPWANICAGKSSNEIRTCDRHGGGQYSAQRSQRPHQGVDVLCSAGSTVYAPF TGMIVGQEKPYQNNAINNGVRISGRGFCVKMFYIKPIKYGPIKKGEKLGTLLPLQKVYPGIQSHVHIE NCDSSDPTAVLTRTRPLEQKLISEEDLAANDILDYKDDDDKVTag:C-Myc/DDKPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:> 0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:05 mM Tris-HCI, 100 mM glycine, pH 7.3Storage:Store at -80°C. Avoid repeated freeze-thaw cycles.Stability:Stole for 3 months from receipt of products under proper storage and handling conditions.RefSeq:NP 002293RefSeq ORF:453Synonyms:Nm-II; chm2Josn Di Louis Di SongSinolStorage:350	•	RC210790
Red=Cloning site Green=Tags(s)MFSTKALLLAGLISTALAGPWANICAGKSSNEIRTCDRHGCGQYSAQRSQRPHQGVDVLCSAGSTVYAPF TGMIVCQEKPYQNKNAINNGVRISGRGFCVKMFYIKPIKYKGPIKKGEKLGTLLPLQKVYPGIQSHVHIE NCDSSDPTAYLTag:C.Myc/DDKPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:> 0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage:Store at -80°C. Avoid repeated freeze-thaw cycles.Stability:Stable for 3 months from receipt of products under proper storage and handling conditions.RefSeq:NP 002293RefSeq ORF:453Synonyms:chm-II; chm2Locus ID:3950	Predicted MW:	16.4 kDa
TGMIVGQEKPYQNKNAINNGVRISGRGFCVKMFYIKYKGPIKKGEKLGTLLPLQKVYPGIQSHVHIE NCDSSDPTAYLTRTRPLEQKLISEEDLANDILDYKDDDDKVTag:C-Myc/DDKFag:C-Myc/DDKPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:>0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:0.05 µg/µL as determined by microplate BCA methodStorage:Store at -80°C. Avoid repeated freeze-thaw cycles.Stability:Stole for 3 months from receipt of products under proper storage and handling conditions.RefSeq Size:1077RefSeq ORF:453Synonyms:chm-ll; chm2Joso3950	Protein Sequence:	
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Synonyms:chm-ll; chm2Locus ID:3950	RefSeq Size:	1077
Locus ID: 3950	RefSeq ORF:	453
	Synonyms:	chm-ll; chm2
UniProt ID: <u>014960</u>	Locus ID:	3950
	UniProt ID:	<u>014960</u>

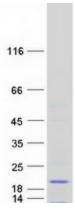


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	LECT2 (NM_002302) Human Mass Spec Standard – PH310790
Cytogenetics:	5q31.1
Summary:	This gene encodes a secreted, 16 kDa protein that acts as a chemotactic factor to neutrophils and stimulates the growth of chondrocytes and osteoblasts. This protein has high sequence similarity to the chondromodulin repeat regions of the chicken myb-induced myeloid 1 protein. A polymorphism in this gene may be associated with rheumatoid arthritis. [provided by RefSeq, Jul 2008]
<b>Protein Families</b>	: Druggable Genome, Secreted Protein

## Product images:



Coomassie blue staining of purified LECT2 protein (Cat# [TP310790]). The protein was produced from HEK293T cells transfected with LECT2 cDNA clone (Cat# [RC210790]) using MegaTran 2.0 (Cat# [TT210002]).

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