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National Library of Medicine

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Log in

Protein

GenPept

leghemoglobin [Glycine max]

GenBank: AAA33980.1

[Identical Proteins](#) [FASTA](#) [Graphics](#)

Go to: 

LOCUS

DEFINITION

ACCESSION

VERSION

DBSOURCE

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

PUBMED

COMMENT

FEATURES

ORIGIN

AAA33980

145 aa

linear

PLN 27-APR-1993

leghemoglobin [Glycine max].

AAA33980

AAA33980.1

locus SOYLCB2 accession [J01301.1](#)

.

Glycine max (soybean)

[Glycine max](#)

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliopsida; eudicotyledons; Gunneridae; Pentapetalae; rosids; fabids; Fabales; Fabaceae; Papilionoideae; 50 kb inversion clade; NPAAA clade; indigoferoid/millettioid clade; Phaseoleae; Glycine; Glycine subgen. Soja.

1 (residues 1 to 145)

Wiborg,O., Hyldig-Nielsen,J.J., Jensen,E.O., Paludan,K. and Marcker,K.A.

The nucleotide sequences of two leghemoglobin genes from soybean

Nucleic Acids Res. 10 (11), 3487-3494 (1982)

[6285303](#)

Method: conceptual translation.

Location/Qualifiers

source

[Protein](#)

[Region](#)

[Site](#)

[CDS](#)

1..145

/organism="Glycine max"

/db_xref="taxon:[3847](#)"

1..145

/name="leghemoglobin"

4..144

/region_name="class1-2_nsHbs_Lbs"

/note="Class1 nonsymbiotic hemoglobins (nsHbs), class II nsHbs, leghemoglobins (Lbs,) and related proteins; cd08923"

/db_xref="CDD:[381261](#)"

order(44..47,58,62,65..66,69..70,88..89,92..93,96,98,102..103,106,134,137..138,141)

/site_type="other"

/note="heme binding site [chemical binding]"

/db_xref="CDD:[381261](#)"

1..145

/coded_by="join(J01301.1:176..273,J01301.1:393..501,J01301.1:692..796,J01301.1:994..1119)"

1 mgaftekqea lvsssfefak anipqysvvf ytsilekapa akdlfsflsn gvdpsnpklt

61 ghaeklfglv rdsagqlkan gtvvadaalg sihaqkaitd pqfvvvkeal lktikeavgd

121 kwsdelssaw evaydelaaa ikkaf

//





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Revision History

Show difference between I and II as

GenBank/GenPept

Compare

[leghemoglobin \[Glycine max\]](#)

145 aa protein

Accession: AAA33980.1 GI: 169995

Current status: live

I	II	Version	Gi	Accession	Update Date	Action
☒	☐	1	169995	AAA33980.1	Nov 30, 2009 11:14 AM	
☐	☒	1	169995	AAA33980.1	Oct 3, 1994 11:10 AM	
☐	☐	1	169995	AAA33980.1	Apr 27, 1993 04:17 AM	

Accession [AAA33980](#) was first seen at NCBI on Apr 27, 1993 04:17 AM

