

Recombinant Human NECTIN3 Protein, His-tagged

Cat. No. NECTIN3-390H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NECTIN3 protein with His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	549
Description	This gene encodes a member of the nectin family of proteins, which function as adhesion molecules at adherens junctions. This family member interacts with other nectin-like proteins and with afadin, a filamentous actin-binding protein involved in the regulation of directional motility, cell proliferation and survival. This gene plays a role in ocular development involving the ciliary body. Mutations in this gene are believed to result in congenital ocular defects. Alternative splicing results in multiple transcript variants.
Form	Lyophilized
Molecular Mass	39.6 kDa
AA Sequence	MARTLRPSPLCPGGGKAQLSSASLLGAGLLLQPPTPPPLLLLLFPLLLFSRLCGALAG PIIVPHVTAVWGKNVSLKCLIEVNETITQISWEKIHGKSSQTVAVHHPQYGFVSQGE YQGRVLFKNYSLNDATITLHNIGFSDSGKYICKAVTFPLGNAQSSTTVTVLVEPTVSLI KGPDSLIDGGNETVAAICIAATGKPPVAHIDWEGDLGEMESTTTSFPNETATIISQYKLF PTRFARGRRITCVVKHPALEKDIRYSFILDQYAPEVSVTGYDGNWVFGVGRKGVNLKC

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NADANPPPFKSVWSRLDGQWPDGLLASDNTLHFVHPLTFNYSQGVYICKVTNSLGQR
SDQKVIYISDPPTTTTLQPTIQWHPSTADIEDLATEPKKLPFPLSTLATIKDDTIATIIASV
VGGALFIVLVSVLAGIFCYRRRRRTFRGDYFAKNYIPPSDMQKESQIDVLQQDELDSTYP
DSVKKENKNPVNNLIRKDYLEEPEKTQWNNVENLNRFERPMDYYEDLKMGMKFVS
DEHYDENEDDLVSHVDGVSISRREWYV

Purity > 98%

Applications WB; ELISA; FACS; FC

Stability This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term).
After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18
centigrade for future use.

Storage At -20 centigrade.

Concentration 1 mg/mL

Storage Buffer PBS (pH 7.4-7.5). Sterile-filtered colorless solution.

Reconstitution Reconstitute in sterile distilled H₂O to no less than 100 µg/mL; dilute reconstituted
stock further in other aqueous solutions if needed. Please review COA for lot-specific
instructions. Final measurements should be determined by the end-user for optimal
performance.

GENE INFORMATION

Gene Name NECTIN3 nectin cell adhesion molecule 3 [Homo sapiens (human)]

Official Symbol NECTIN3

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Synonyms	NECTIN3; nectin cell adhesion molecule 3; PPR3; PRR3; CD113; PVRL3; PVRR3; CDW113; NECTIN-3; nectin-3; nectin 3; poliovirus receptor-related 3; poliovirus receptor-related protein 3
Gene ID	25945
mRNA Refseq	NM_015480
Protein Refseq	NP_056295
MIM	607147
UniProt ID	Q9NQS3

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