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**RESTRICTIN
[JANUSIN; TENASCIN-R]
PURIFIED PROTEIN**

- CATALOG NUMBER:** CC116
- LOT NUMBER:** 20111219
- QUANTITY:** 100 µg
- DESCRIPTION:** Restrictin is a large glycoprotein that forms disulfide-linked trimers. As indicated by the name tenascin-R, restrictin is structurally related to tenascin and, like tenascin, contains EGF-like repeats, fibronectin type III repeats, and a region homologous to fibrinogen. Unlike tenascin, the expression of restrictin is limited to the nervous system.
- CONCENTRATION:** Lot-specific. Typically 490 µg/mL.
- PURITY:** Isolated from embryonic chicken brains by chromatographic methods. Contains one characteristic 180 kD polypeptide chain that migrates on SDS gels as a high molecular weight multimer under non-reducing conditions.
- FORMAT:** Provided as a liquid in 2mM sodium carbonate, containing no preservatives.
- STORAGE/HANDLING:** Store at -70°C for up to 12 months. Avoid repeated freeze/thaw.
- REFERENCES:**
1. Nřrenberg U, Wille H, Wolff JM, Frank R, Rathjen FG. The chicken neural extracellular matrix molecule restrictin: similarity with EGF-, fibronectin type III- and fibrinogen-like motifs. *Neuron*, **8**: 849-863, (1992).
 2. Pesheva P, Gennarini G, Goridis C, Schachner M. The F3/11 cell adhesion molecule mediates the repulsion of neurons by the extracellular matrix glycoprotein J1-160/180. *Neuron.*, **10**:69-82, (1993).
 3. Ernst H, Zanin MKB, Everman D, Hoffman S. Receptor-mediated adhesive and anti adhesive functions of chondroitin sulfate proteoglycans from embryonic chick brain. *J Cell Sci*, **108**: 3807-3816, (1995).

For research use only; not for use as a diagnostic.

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*