

# NEUROMICS



## Recombinant Rat TrkA/FC Chimera, Carrier Free Datasheet

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**Catalog Number:** PR15051CF-50

**Product Type:** Recombinant Protein

**Source:** Murine myeloma cell line, NS0 derived

Rat TrkA (Ala33 Pro418) & (Ala34 Pro418) Accession # P35739	IEGRMD	Human IgG <sub>1</sub> (Pro100 Lys330)
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N-Terminus

C-Terminus

**Description/Molecular Mass:** Disulfide-linked homodimer. 69 kDa (monomer)

**SDS Page:** 120 130 kDa, reducing conditions

**Activity:** Measured by its ability to inhibit NGF induced proliferation of TF1 Human erythroleukemic cells. The ED50 for this effect is typically 10 40 ng/mL in the presence of 10 ng/mL of rrNGF.

**Endotoxin Level:** <1.0 EU per 1 µg of the protein by the LAL method.

**Purity:** >90%, by SDS-PAGE under reducing conditions and visualized by silver stain.

**Format:** Lyophilized from a 0.2 µm filtered solution in PBS.

**Reconstitution:** Reconstitute at 100 µg/mL in sterile PBS.

**Storage:** 12 months from date of receipt, 20 to 70°C as supplied.  
1 month, 2 to 8 °C under sterile conditions after reconstitution.  
3 months, 20 to 70 °C under sterile conditions after reconstitution.  
**Avoid multiple freeze-thaw cycles.**

**References:** 1. Esposito, D. et al. (2001) J. Biol. Chem. 276:32687.  
2. Sofroniew, M.V. et al. (2001) Annu. Rev. Neurosci. 24:1217.

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