



## Human SST5 Somatostatin Receptor Membranes

Catalog # A139; Batch 649

**SPECIFICATIONS:** **Bmax** for [<sup>125</sup>I]SST binding: 2.8 pmol/mg protein  
**Kd** for [<sup>125</sup>I]SST binding: 0.24 nM  
**Host cell:** CHO-K1  
**GenBank** Accession Number: NM\_001053

**PACKAGING:** 400 µl of membrane suspension in storage buffer (50 mM Tris-HCl, 5 mM MgCl<sub>2</sub>, 1 mM EGTA, 10% sucrose, pH 7.4 ) at a protein concentration of 2 mg/mL.

### REPRESENTATIVE DATA:

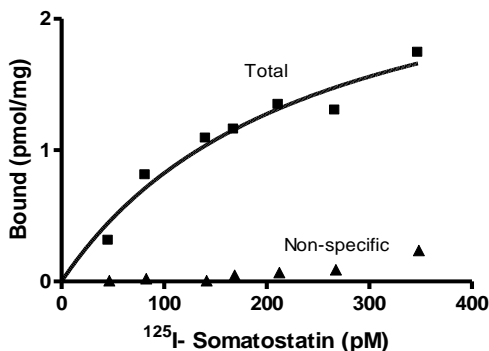


Figure 1. Radioligand binding to membranes from cells expressing SST5 receptors

**RECOMMENDED ASSAY CONDITIONS.** Thaw vials rapidly. Dilute membranes 20-fold with ice-cold binding buffer (50 mM Tris-HCl pH 7.5, 5 mM MgCl<sub>2</sub>, 0.2% FAF-BSA, 1 Complete Mini-Tablet per 100 mL). Combine in a small polypropylene tube: 20 µl of diluted membranes, varying concentrations of [<sup>125</sup>I]-SST (GE Cat # IM161), un-labeled SST where appropriate and binding buffer to bring the volume to 100 µL. Following a 60 minute incubation at room temperature, filter over GF/C filters (pre-soaked in 0.5% PEI) and wash filters 5 times with ice-cold wash buffer (50 mM Tris-HCl pH 7.5, 0.2% FAF-BSA). Count filters.

**STORAGE RECOMMENDATIONS:** Storage at -80°C is recommended. Repeated freeze-thawing of this product is not recommended.

**FOR NON-HUMAN INVESTIGATIONAL RESEARCH USE ONLY**

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