

RSR

SPECIFICATIONS

STABLE RECOMBINANT HUMAN TSH RECEPTOR (TSHR)

RSR – TSHR260 STABL™

| | |
|---------------------------|--|
| Protein Expressed: | Amino acid 22-260 |
| Expression System: | Baculovirus / insect cell (Trichoplusia ni; High Five) |
| Purity: | Essentially pure |
| Available Forms: | As frozen solution, 1mg/mL in 150mM NaCl, 20mM Tris pH8.0 with stabiliser |
| Order Code: | STABL/FR/1.0 |
| Applications: | Particularly suitable for studies with TSHR autoantibodies |
| Storage: | -20°C or below |
| Literature: | <p>“Crystal Structure of a Ligand-free Stable TSH Receptor Leucine – Rich Repeat Domain” J Miller-Gallacher et al J Mol Endocrinol 2019 62: 117-28</p> <p>“Structure of full-length TSH receptor in complex with antibody K1-70™” R Nunez Miguel et al J Mol Endocrinol 2022 doi 10.1530/JME-22-01-0120</p> |
| Patents: | Several patents apply to commercial applications of TSHR 260STABL™ including: - European Patent No.:3155011 US Patent No.:11732026 Chinese Patent No.:ZL201580043074.6 Japanese Patent No.:7223490 Indian Patent No.:488460 Other patents are pending. |

RSR Limited

Diagnostics for Autoimmunity

Parc Ty Glas, Llanishen, Cardiff, CF14 5DU United Kingdom
<http://www.rsrltd.com>

E-mail: info@rsrltd.com

Tel: +44 (0) 29 2068 9299
Fax: +44 (0) 29 2075 7770

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