

RSR

SPECIFICATIONS

STABLE RECOMBINANT HUMAN TSH RECEPTOR (TSHR)

RSR – TSHR260 STABL™ - Biotin

Protein Expressed:	Amino acid 22-260
Expression System:	Baculovirus / insect cell (Trichoplusia ni; High Five)
Purity:	Essentially pure
Available Forms:	As frozen solution, 0.15mg/mL in 150mM NaCl, 20mM Tris pH8.0 with stabiliser
Order Code:	STABLBI/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™ - Biotin 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.

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Diagnostics for Autoimmunity

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COA Rev0
RSR 260STABLBI Rev0
22nd February 2024