

Recombinant Full Length Rat Olfactory Receptor 51E2(Or51E2) Protein, His-Tagged

Cat. No. RFL7996RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat Olfactory receptor 51E2(Or51e2) Protein (O88628) (1-320aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length (1-320)
Form	Lyophilized powder
AA Sequence	<p>MSSCNFTHATFMLIGIPGLEEAHFWFGFPLLSMYAVALFGNCIVVFIVRTERS LHAPM</p> <p>YL FLCMLAAIDLALSTSTMPKILALFWFDSREITFDACLAQMFFIHALSAIESTILLAMA</p> <p>FD RYVAICHPLRHA AVLNN TVTVQIGMVALVRGSLFFFPLPLLIKRLAFCHSNVLSHS</p> <p>YCVH QDVMKLAYTD TLPNVVYGLTAILVMGVDVMFISLSYFLIIRAVLQLPSK SERA</p> <p>KAFGTC VSHIGVVLA FYVPLIGLSVVH RFGNSLDPIVHVL MGDVYLLLPVINPIIYGA</p> <p>KTKQIRT RVLAMFKISCDKDIEAGGNT</p>
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	Or51e2
Synonyms	Or51e2; Olf59; Psgr; Olfactory receptor 51E2; G-protein coupled receptor RA1c; Olfactory receptor 59
UniProt ID	O88628

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