Recombinant Rat Lrrc8d Protein (Pro501-Leu613), C-His tagged

Cat. No. Lrrc8d-6844R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Lrrc8d (Pro501-Leu613) fused with the C-terminal His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Pro501-Leu613
Description	Contributes to volume-sensitive anion channel activity. Involved in aspartate transmembrane transport; cellular response to osmotic stress; and taurine transport. Is integral component of plasma membrane. Part of ion channel complex. Orthologous to human LRRC8D (leucine rich repeat containing 8 VRAC subunit D).
Form	Lyophilized powder/frozen liquid
Molecular Mass	13.43 kDa
Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the

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	date of receipt.
Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	Lrrc8d leucine rich repeat containing 8 VRAC subunit D [Rattus norvegicus (Norway rat)]
Official Symbol	Lrrc8d
Synonyms	Lrrc8d; leucine rich repeat containing 8 VRAC subunit D; Lrrc5; volume-regulated anion channel subunit LRRC8D; leucine rich repeat containing 8 family, member D; leucine rich repeat containing 8D; leucine-rich repeat-containing 5; leucine-rich repeat-containing protein 5; leucine-rich repeat-containing protein 8D
Gene ID	305131
mRNA Refseq	NM_001008338
Protein Refseq	NP_001008339
UniProt ID	Q5U308

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