

Product datasheet for MG204134

Slc25a5 (BC004570) Mouse Tagged ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids							
Product Name:	Slc25a5 (BC004570) Mouse Tagged ORF Clone							
Tag:	TurboGFP							
Symbol:	Slc25a5							
Synonyms:	Ant2							
Mammalian Cell Selection:	Neomycin							
Vector:	pCMV6-AC-GFP (PS100010)							
E. coli Selection:	Ampicillin (100 ug/mL)							
Restriction Sites:	Sgfl-Mlul							
Cloning Scheme:	Cloning sites used for ORF Shuttling:							
	Sgfi ORF Miu i							



												ozac	5				
EcoR I			BamH I Kpn I			RBS				Sgfl		Asc /					
CTATAGGGC	GCCGGG	AATT	CGTC	GACT	GGAT	CCGG	PACCO	AGG	AGATO	CTGCO	CGCC	GCGA	CGCC	CGGC	GCGC	CAGA	TCT
Hind III	Nhe	1 F	Rsr II	M	lu I		N	otl	x	ho I		5	GFP T	ag			
									-	030				- E			
CAAGCTTAA	CTAGCTA	GCG	SACCO	ACG	CGT	ACG	CGG	CCG	CTC	GAG	ATG	GAG	AGC	GAC			
CAAGCTTAA	CTAGCTA	GCG	GACCO	ACG	CGT R	ACG	CGG R	P	L	E	M	GAG	AGC	GAC		-	-
CAAGCTTAA	CTAGCTA	GCG	GACCO														-
CAAGCTTAA	CTAGCTA	GCG			R												
	CTAGCTA	AGA		T me l	R F:	T	R	P	L								

ACCN: ORF Size: BC004570 896 bp



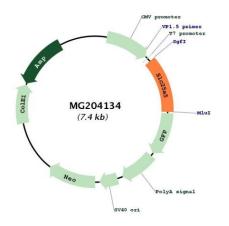
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	a5 (BC004570) Mouse Tagged ORF Clone – MG204134
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Metho	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>BC004570</u> , <u>AAH04570</u>
RefSeq Size:	1236 bp
RefSeq ORF:	896 bp
Locus ID:	11740
Cytogenetics:	X 21.2 cM
Gene Summary:	This gene encodes a transmembrane domain-containing protein that localizes to the mitochondrial inner membrane. The encoded protein facilitates the exchange of ADP from the cytoplasm with ATP from the mitochondria. Pseudogenes for this gene are found on multiple chromosomes. [provided by RefSeq, May 2015]

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Product images:



Circular map for MG204134

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