

Product datasheet for **MR202773L4V**

Ebp (NM_007898) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ebp (NM_007898) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ebp
Synonyms:	AI255399; m; mSI; P; Pabp; SI; Td
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007898
ORF Size:	693 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR202773).
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. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_007898.2
RefSeq Size:	1755 bp
RefSeq ORF:	693 bp
Locus ID:	13595
UniProt ID:	P70245
Cytogenetics:	X 3.7 cM



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Gene Summary:

This gene encodes a transmembrane protein that localizes to the endoplasmic reticulum. This protein catalyses the conversion of delta8 to delta7 sterols, an important step in sterol biosynthesis. Mutations in this gene are responsible for the mouse tattered mutant phenotype. Tattered males are embryonic lethal, while heterozygous females have developmental defects. Deficiency of the related gene in human causes X-linked dominant chondrodysplasia punctata. [provided by RefSeq, May 2015]