

## Recombinant Mouse Amy1, His-tagged

Cat. No. Amy1-3341M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Alpha-amylase 1 (Amy1)
<b>Species</b>	Mouse
<b>Source</b>	E.Coli/Yeast
<b>ProteinLength</b>	511
<b>Form</b>	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
<b>Purity</b>	>90%
<b>Notes</b>	Small volumes of Amy1 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice.
<b>Storage</b>	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
<b>Storage Buffer</b>	PBS pH 7.4, 50% glycerol
<b>Warning</b>	This product is for research use only. Not for use in diagnostic or therapeutic procedures.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

**GENE INFORMATION**

<b>Gene Name</b>	Amy1 amylase 1, salivary [ <i>Mus musculus</i> ]
<b>Official Symbol</b>	Amy1
<b>Synonyms</b>	alpha-amylase 1; alpha amylase 1; salivary and hepatic alpha-amylase; 1,4-alpha-D-glucan glucanohydrolase 1
<b>Gene ID</b>	11722
<b>mRNA Refseq</b>	NM_001110505
<b>Protein Refseq</b>	NP_001103975
<b>UniProt ID</b>	P00687
<b>Chromosome Location</b>	3 F3; 3 49.35 cM
<b>Pathway</b>	Carbohydrate digestion and absorption, organism-specific biosystem; Metabolism, organism-specific biosystem
<b>Function</b>	alpha-amylase activity; cation binding

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