

PSMP Protein, Mouse (HEK293, Fc)

Cat. No.:	HY-P77823
Synonyms:	MsmP; PsmP
Species:	Mouse
Source:	HEK293
Accession:	B1AWI6 (K37-S139)
Gene ID:	100039672
Molecular Weight:	45-53 kDa

PROPERTIES

Appearance	Lyophilized powder
Formulation	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	PSMP protein functions as a ligand for C-C chemokine receptor CCR2, initiating a potent chemotactic response and intracellular calcium mobilization through CCR2 binding and activation. It demonstrates chemotactic activity for monocytes and lymphocytes but does not affect neutrophils.
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Caution: Product has not been fully validated for medical applications. For research use only.

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