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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

MPZL2 (Human) Recombinant Protein (P01)

Catalog Number: H00010205-P01

Regulation Status: For research use only (RUO)

Product Description: Human MPZL2 full-length ORF (NP_005788.1, 1 a.a. - 215 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MYGKSSTRVLLLLGIQLTALWPAAVEIYTSRVLEAVN
GTDARLKCTFSSFAPVGDALVTWNFRPLDGGPEQFV
FYYHIDPFQPMGRFKDRVSWDGNPERYDASILLWKL
QFDDNGTYTCQVKNPPDVGIVGEIRLSVVHTVRFSEI
HFLALAIGSACALMIIIVVVVLFQHYRKKRWAERAHKV
VEIKSKEEERLNQEKKVSVYLEDTD

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 50.9

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 10205

Gene Symbol: MPZL2

Gene Alias: EVA, EVA1

Gene Summary: Thymus development depends on a complex series of interactions between thymocytes and

the stromal component of the organ. Epithelial V-like antigen (EVA) is expressed in thymus epithelium and strongly downregulated by thymocyte developmental progression. This gene is expressed in the thymus and in several epithelial structures early in embryogenesis. It is highly homologous to the myelin protein zero and, in thymus-derived epithelial cell lines, is poorly soluble in nonionic detergents, strongly suggesting an association to the cytoskeleton. Its capacity to mediate cell adhesion through a homophilic interaction and its selective regulation by T cell maturation might imply the participation of EVA in the earliest phases of thymus organogenesis. The protein bears a characteristic V-type domain and two potential N-glycosylation sites in the extracellular domain; a putative serine phosphorylation site for casein kinase 2 is also present in the cytoplasmic tail. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]