



Product Data Sheet

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|--------------------------|---|-------------------------------|
| Product Name: | gp100 (25-33), human | |
| Catalog Number: | AS-62589 (1 mg) | Lot Number: See label on vial |
| Sequence: | H-Lys-Val-Pro-Arg-Asn-Gln-Asp-Trp-Leu-OH (3-letter code) KVPRNQDWL (1-letter code) | |
| Molecular Weight: | 1155.3 | |
| Peptide Purity: | >95% | |
| Appearance: | Lyophilized white powder | |

Peptide Reconstitution: gp100 (25-33) peptide is freely soluble in water.

Storage: gp100 (25-33) peptide is shipped at ambient temperature. Upon receipt, store lyophilized peptide at -20°C or lower. Reconstituted peptide can be aliquoted and stored at -20°C or lower.

Description: This is amino acids 25 to 33 fragment of human melanoma antigen gp100. This H-2Db restricted epitope is recognized by T cells. The gp100-specific, H-2Db-restricted, CD8+ T cells are capable of recognizing B16 melanoma but not normal melanocytes. This peptide was used as an immunogen in multiple cancer immunotherapy studies. Ref: Overwijk, W. et al. *J. Exp. Med.* **188**, 277 (1998), Wang, L. *Cancer Res.* **65**, 10569 (2005), Finkelstein, S. et al. *J. Leukoc. Biol.* **76**, 333 (2004).

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