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TAP1 wt Allele

National Cancer Institute

Source

National Cancer Institute. *TAP1 wt Allele*. NCI Thesaurus. Code C52304.

Human TAP1 wild-type allele is located in the vicinity of 6p21.3 and is approximately 9 kb in length. This allele, which encodes antigen peptide transporter 1 protein, is involved in the presentation of antigen fragments to major histocompatibility complex class I proteins. Mutations in the gene are associated with ankylosing spondylitis, insulin-dependent diabetes mellitus, type I bare lymphocyte syndrome and celiac disease.