

Recombinant Human P53 R175H (HLA-A*02:01) Complex Protein

RPCB1696



Product Information

Product SKU: RPCB1696 **Gene ID:** - **Size:** 100µg
Tag: C-His&Avi **Reactivity:** Human

Additional Information

Expression Host: HEK293 cells **Swissprot:** A0A140T913(HLA-A*02:01)&P61769(B2M)&HMTEVVRHC
Purity: > 95% as determined by Tris-Bis PAGE ; > 95% as determined by HPLC

Protein Information

Background: p53 is a tumor suppressor protein. Under stressful conditions, p53 tightly regulates cell growth by promoting apoptosis and DNA repair. When p53 becomes mutated, it loses its function, resulting in abnormal cell proliferation and tumor progression. Depending on the p53 mutation, it has been shown to form aggregates leading to negative gain of function of the protein. p53 mutant associated aggregation has been observed in several cancer tissues and has been shown to promote tumor growth.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Human P53 R175H (HLA-A*02:01) Complex Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

Endotoxin: Less than 1EU per µg by the LAL method.

Formulation: -

Storage: Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Contact Details | Dublin, Ireland

Email: techsupport@assaygenie.com | Web: www.assaygenie.com

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