

Onco-Ref™ Mutation Cell Line NRAS c.181C>A p.Q61K COSM580

Catalog Number:	ASE-6072C
Description:	The Onco-Ref™ Mutation Cell Line is a CRISPR/cas9 genetically engineered cancer cell line containing a mutation of interest.
Gene Name:	NRAS
Mutation Id:	COSM580
Nucleotide Change:	c.181C>A
Amino Acid Change:	p.Q61K
Frequency:	Homozygous
Size:	1 vial
Format:	Cell Line
Volume/Dimension:	1 ml
Quantity:	1,000,000 cells
Concentration:	1,000 cells/ μ l
Cell(s):	HCT116
Shelf Life:	12 Months
Culture Media:	McCoy's 5a Medium (ATCC # 30-2007) 90%; Fetal Bovine Serum (FBS)10% (Applied StemCell # ASM-5007); 100X Penicillin-Streptomycin (ThermoFisher # 15140-122) 1X
Shipping Temperature:	Dry Ice
Storage Temperature:	Liquid Nitrogen
Quality Control:	Genotype: Sanger sequencing of locus-specific PCR Quality: Serility (mycoplasma sp., fungus and bacteria) Quantity: viability (cell counter) Manufacturing: ISO 9001:2015 and ISO 13485:2016 Certified
Regulatory:	Research Use Only. Not Intended for human or animal diagnostic or therapeutic use.
MTA:	Required
Restrictions:	This is a limited use product. This product, any material that contains this product in whole or in part, any progeny, modification or derivative of this product, any cell or animal made or modified by using this product, and any progeny, modification or derivative of such cell or animal may not be transferred by the purchaser to any other person, entity or any of the above to perform services for the benefit of any other person or entity or for commercial purpose of any kind. This product may only be used by the purchaser for its internal research for use as a research tool for research purposes.

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