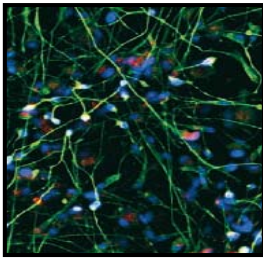


NEUROSCIENCES INNOPROFILE™

HUMAN DOPAMINERGIC NEURONAL PRECURSOR CELLS



Product Type:	Dopaminergic Neuronal Precursor Cells
Catalog Number:	P10164
Source:	Human Brain
References:	5 x 10 ⁵ Cells / 1ml
Storage:	Liquid Nitrogen

Human Dopaminergic Neuronal Precursor Cells (HDNPC) from Innoprot have been isolated from human normal brain tissue. HDNPC have been cryopreserved as primary cultures and delivered frozen. HDNPC are guaranteed to further culture in the conditions provided in the technical sheet. Specifically for Human Dopaminergic neuronal cells, they are >70% TH positive and differentiate into neurons when plated on poly-L-lysine coated plates in specific growth factor containing medium.

The tissue of the central nervous system is made up of two classes of cells that may be broadly categorized as neurons and glia. Dopaminergic neurons of the midbrain are the main source of dopamine (DA) in the mammalian central nervous system. Their loss is associated with one of the most prominent human neurological disorders, Parkinson's disease (PD). Although their numbers are few, these dopaminergic neurons play an important role in the control of multiple brain functions including voluntary movement and a broad array of behavioral processes such as mood, reward, addiction, and stress.

 **Recommended Medium**

- Neural Cellutions Medium (Innoprot Ref# P60182)



 **Coating matrix:**

- ECM (Ref: G422)

 **Pathogens Analysis**

The cells test negative for HIV-1, HBV, HCV, mycoplasma, bacteria, yeast and fungi

 **Product Use**

THESE PRODUCTS ARE FOR RESEARCH USE ONLY. Not approved for human or veterinary use, for application to humans or animals, or for use in vitro diagnostic or clinical procedures