

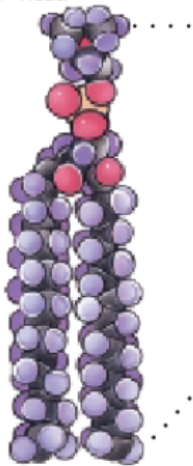
Cell Membrane only allows
select substances through.
That is called being Semi -

permeable
window screen door
 strainer
 filter

Sep 30 - 9:09 AM

a This phospholipid molecule . . .

Polar "head"



Nonpolar "tails"

This is a phospholipid. It is made up of a phosphate group and two fatty acids.

BIOSOURCES
TEACHING TRANSPARENCIES

Sep 30 - 9:12 AM

a This phospholipid molecule . . .

Polar "head"

Nonpolar "tails"

b . . . is part of a lipid bilayer.

c The lipid bilayer forms the framework of the cell membrane.

The non-polar ends are both on the inside because the water repels them.

BIO SOURCES
TEACHING TRANSPARENCIES

Sep 30 - 9:11 AM

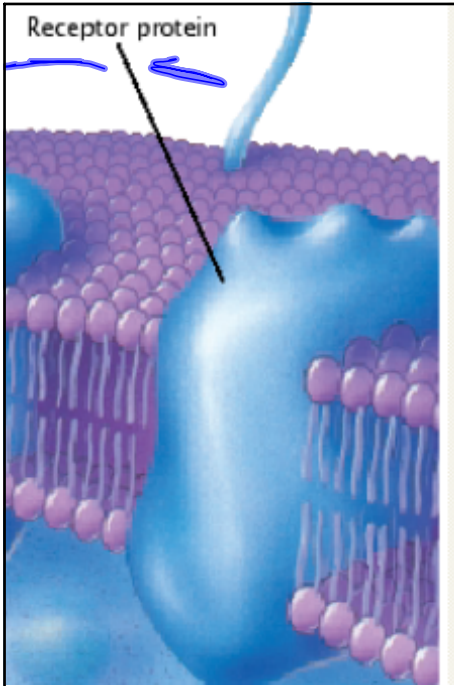
Marker protein

protein

Helps other cells recognize their cell type.

HOLT BioSOURCES / Teaching Transparencies

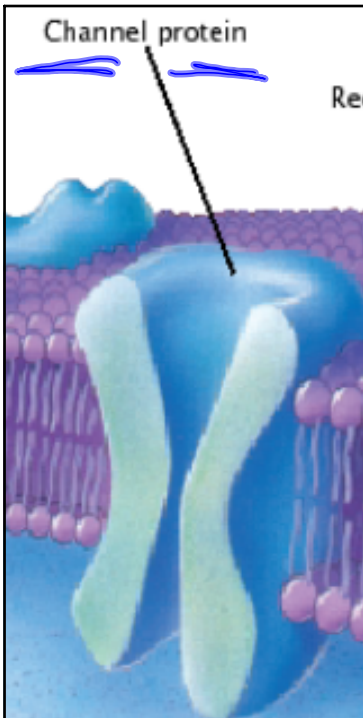
Sep 30 - 9:17 AM



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Recognize and bond to specific substances or signals.

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Otherwise known as a transport protein helps the movement of substances into and out of the cell.

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